

**PHYSICAL OCEANOGRAPHY REPORT**  
**STD DATA FROM**  
**DRIFTING ICE STATION FRAM I**

by T. O. Manley, Werner Tiemann and Kenneth Hunkins

**TECHNICAL REPORT**  
**LDGO-83-2**

Department of the Navy  
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Lamont-Doherty Geological Observatory of Columbia University

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## Abstract

From April 29, 1979 to May 6, 1979 a total of 88 casts were made with a CTD (Conductivity, Temperature and Depth) instrument at the drifting ice station Fram I. Profiles were taken at least twice a day from the surface to 700 m and at more closely spaced intervals during special phases of the experiment. A separate helicopter C/STD survey was also conducted during the experiment and the resulting data were reported separately.

Data obtained from the camp-based Plessey 9040 CTD were simultaneously recorded digitally on magnetic tape and on analog charts. Profile data from the digital tapes were smoothed using a running average. Response time of the temperature sensor was corrected for thermal lag by varying a lag constant ( $\tau$ ) until descending and ascending parts of the cast on a T-S diagram were nearly congruent. No lag correction was applied to the conductivity data because of the rapid response time of the conductivity cell. A small drift that occurred when both sensors were stopped for bottle sampling was also taken into account during data reduction.

Static calibration of the temperature, conductivity and depth sensors was provided by bottle and reversing thermometer data. Least squares, best-fit polynomials, whose parameters were temperature (T), conductivity (C) and depth (D), converted the observed data to final data.

Standard level listings of temperature, potential temperature, salinity, sigma-t, specific volume anomaly, dynamic height and sound velocity are given for each cast along with plotted profiles of temperature, salinity and sigma-t. Nested profiles of temperature and salinity are also provided.

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## Introduction

After completion of the Arctic Ice Dynamics Joint Experiment (AIDJEX) in the Beaufort Sea in 1976 which emphasized ice mechanics in the central pack, scientific interest grew in the eastern Arctic Ocean and the Eurasian Basin within which the waters of the Atlantic Ocean mix with those of the Arctic. Although the ice-free region off the coast of Svalbard in the eastern Arctic Ocean has been sampled frequently, and even the ice covered areas near Greenland have been sampled occasionally, few data have been collected in the Eurasian Basin north of the Fram Strait.

Beginning in 1979, the United States along with Denmark, Norway and Canada began a concerted effort to begin oceanographic and geophysical investigations in this relatively unexplored region of the Arctic Ocean north of Greenland by initiating the Fram series of experiments. These were designed to echo the drift of Fridtjof Nansen's specially designed ship, FRAM, which in 1893 was frozen into the pack ice of the New Siberian Islands and allowed to drift until it broke free of the ice in 1896. During this drift an unprecedented amount of data were collected over the deep ocean of the Eurasian Basin.

Fram I, the first of the four planned U. S. manned ice camps was established on March 11, 1979, at  $84^{\circ}24'N$  and  $6^{\circ}00'W$  (Fig. 1). During the next two months, until May 13th when data collection ended, studies in chemical and physical oceanography, low-frequency underwater acoustics, geophysics and the mechanics of wave propagation through sea ice were successfully completed and results of some of these investigations have been published (Kristoffersen, 1979; Hunkins et al., 1979a, b).

It was the goal of the Lamont physical oceanography program to collect data which would help provide insight into the origin and effects of the steep



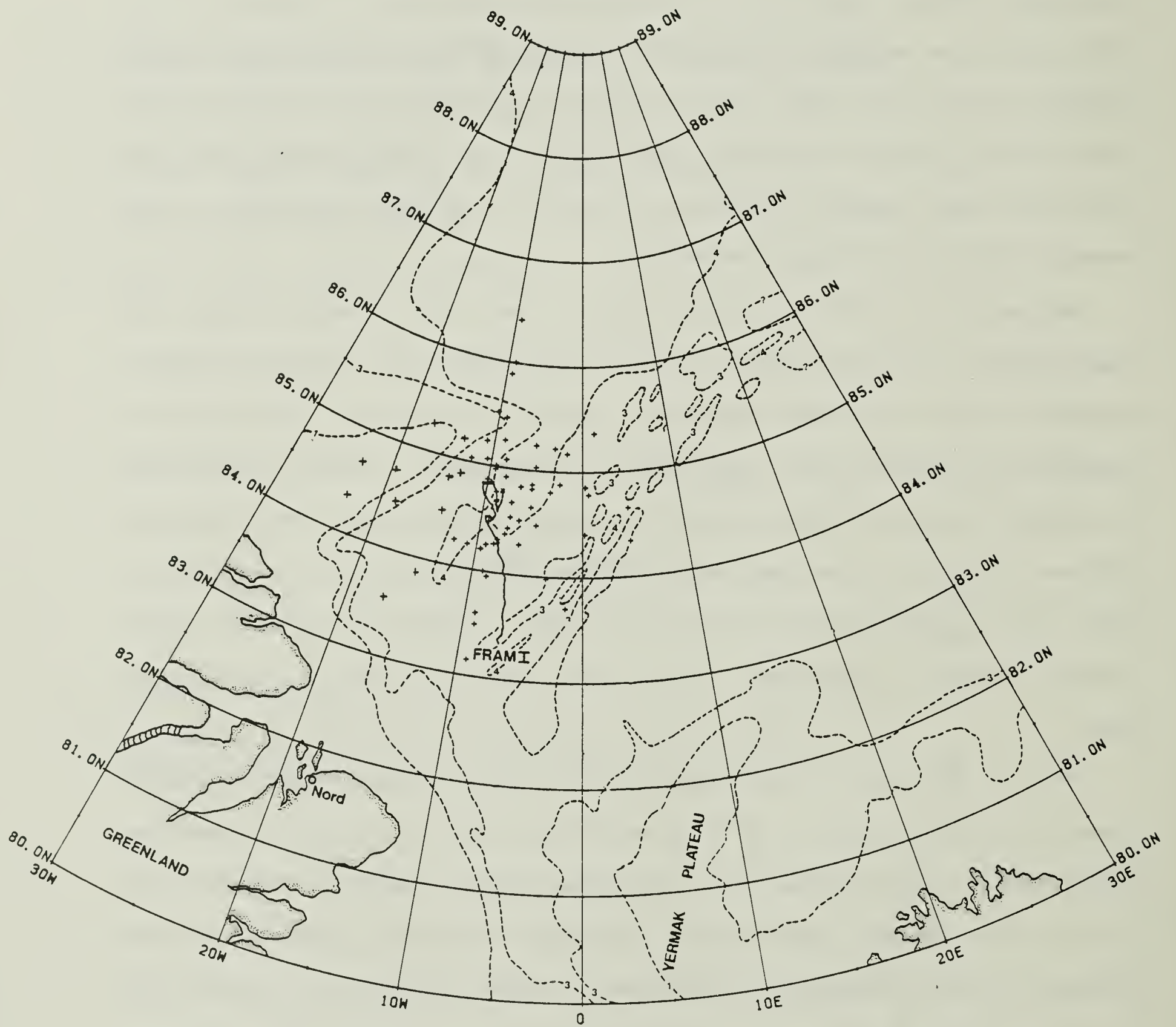


Fig. 1 - Drift track of Fram I and positions of helicopter ODE/C/STD stations superimposed on the bathymetry of the Arctic Ocean.

pycnocline that lies directly beneath the mixed layer (50 m) and the upper extent of the Atlantic water (200 m). Current theory suggests that this pycnocline layer results from the formation of ice during wintertime on the shelves surrounding the Arctic Ocean. The resulting cold, saline shelf water is then later advected into the Arctic Ocean on layers of constant density between 50 m and 200 m. It was also hoped that the program would collect data which might reveal the unique salinity and temperature structures characteristic of the mesoscale eddies reported from the central regions of the Beaufort Sea (Manley, 1981). To accomplish these goals, both helicopter-portable and camp-based CTD's were utilized to collect data.

The area of observations was expanded by using a portable C/STD (Ocean Data Equipment model 202) along with a Bell 204 helicopter to take casts up to 150 km away from the main camp. Nominal sampling depths during these surveys were 270 m. Figure 1 shows the drift track of Fram I and the locations of the portable C/STD stations superimposed on the bathymetry of the Arctic Ocean. Data from these stations currently reside at NODC, and were reported on by McPhee (1980a, b).

The camp-based CTD (a Plessey model 9040) was used to sample the salinity and temperature structure to a depth of 700 m at least twice a day. During selected times, more frequent observations were taken to gain more information on the variability of fine structure and to provide concurrent observations at those times when the helicopter C/STD was actively taking stations. This report pertains only to this camp-based data.

## Physical Oceanography Program

Upon completion of the basic operations of establishing camp, a  $1\frac{1}{2}$  m by  $1\frac{1}{2}$  m hydrohole through which the CTD would be lowered was cut through the 2 m thick ice floe. An small heated hut was then constructed over the hydrohole. The CTD, a small gas-powered winch holding 750 m of cable and associated electronic equipment were then assembled inside the hut as an integrated unit.

A General Oceanics rosette system holding 12 Niskin bottles was also used with the CTD in order to obtain water samples and reversing thermometer data. Water samples taken during the experiment were later analyzed in a single batch using a Guildline Model 8000 salinometer. Originally, the salinometer was located in the CTD hut, but because heat generated from the gas powered winch caused large ambient temperature fluctuations and made it difficult to maintain the water bath temperature in the instrument, the salinometer was moved to another hut which provided the necessary environment for proper operation.

A minimum of two CTD casts were conducted each day to a nominal depth of 700 m. More casts were taken 1) if interesting features within the water column were observed, or 2) to supply concurrent information at the camp when the helicopter C/STD was on a survey. Data pertaining to each cast were recorded digitally as well as on an x-x-y analog chart recorder. Camp-based CTD stations were abruptly terminated when a sheet of ice from a nearby lead unexpectedly underthrust and closed off the hydrohole toward the end of the experiment. At that time a total of 88 casts had been taken at Fram I. The sensor unit was being lowered when the hole was closed and considerable effort was necessary to extricate it. Although the instrument was finally recovered without damage, the hole was unusable. Figure 2 shows a more detailed plot of the drift track of Fram I, and Figure 3 shows the positions of the casts and their numbers along the drift track.



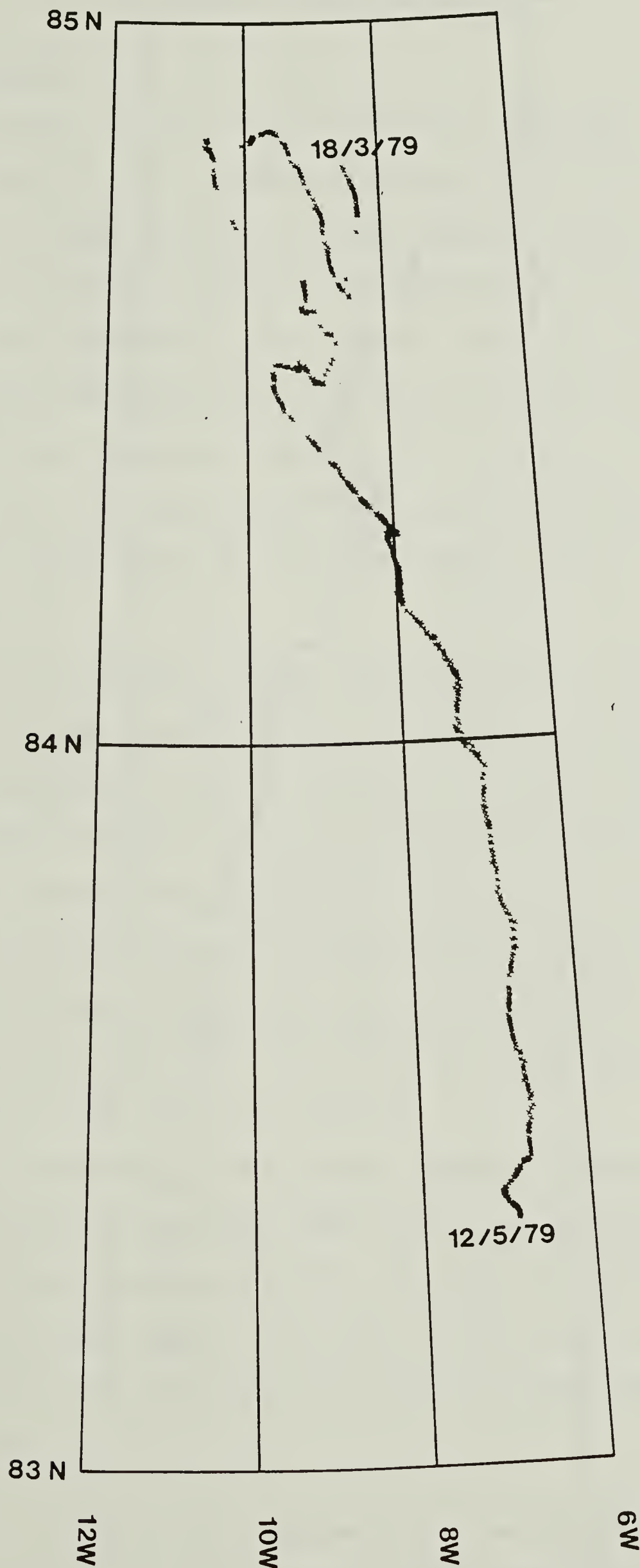


Fig. 2 - A detailed plot of the drift track of Fram I.

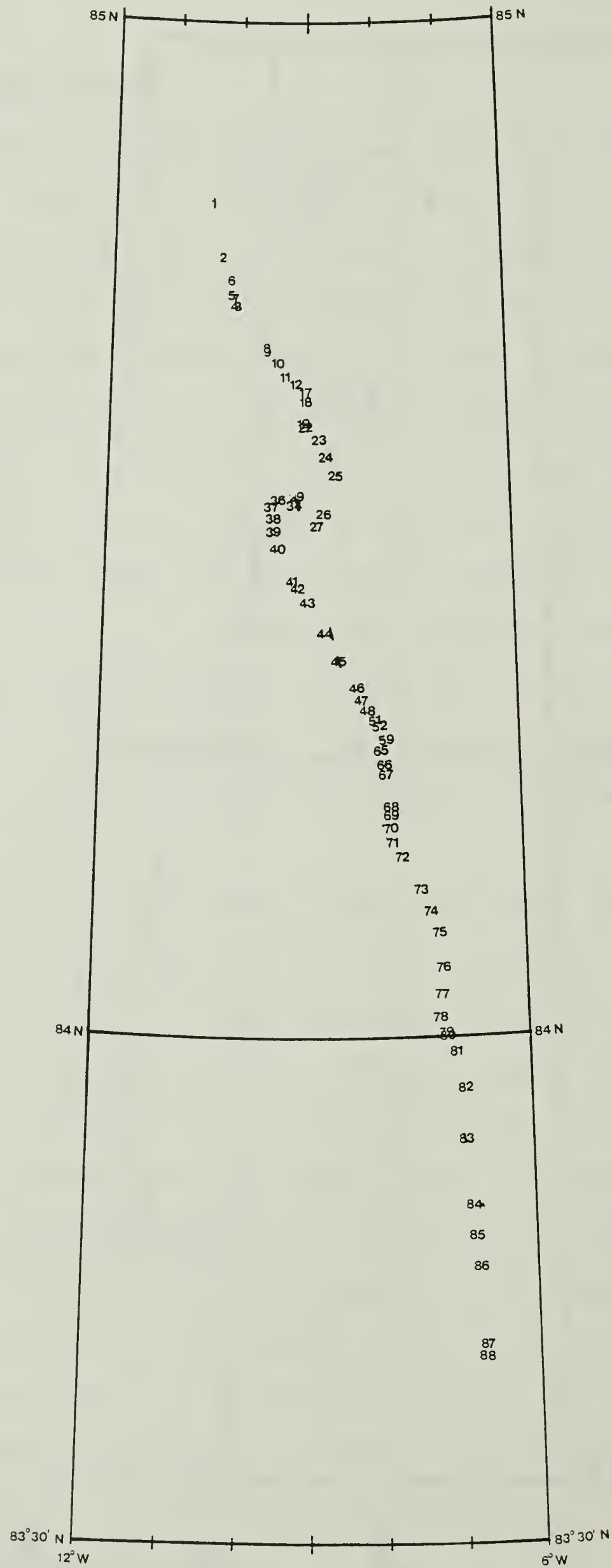


Fig. 3 - CTD cast numbers along the drift track of Fram I.



## Dynamic Calibration

Figure 4 shows the flow of the CTD data processing stages. Initial screening of the raw data to remove spikes and discontinuities was done by computer so as to keep the data in a time series to correct for temperature lag. Bad data were either replaced by interpolated data or, if extensive, the time series was terminated and restarted when good data were again available. Thus, some gaps appear. Smoothing was done by applying a 3-point running mean to the temperature and salinity data and a 7-point running mean to the depth data. The larger depth window was chosen because of the relation between digital resolution of the depth channel (0.3 m) and the slowest lowering rate.

In general, the dynamic response characteristics of a CTD sensor depend primarily on the time constant of the temperature compensation probe since that of the conductivity cell is negligible by comparison. In practice, however, although the probe constant for the model 9040 CTD is quoted as 0.35 seconds by the manufacturer, analysis of output data by different investigators using different methods has yielded estimates ranging from about 0.2 to 3.0 seconds. (Scarlet, 1975; Goulet and Culverhouse, 1972). Apparently, a certain variability can also result when the same method is applied to different sensors under different conditions.

The bias associated with the dynamic response of individual sensors is, in fact, detectable and a method which aims at compensation has been incorporated in the data reduction procedure. The screened, smoothed raw data are retained as an evenly spaced time-series in conductivity, temperature and depth (C, T, D) so that the time-rate-of-change of sensed temperatures ( $\partial T / \partial t$ ) can be computed.

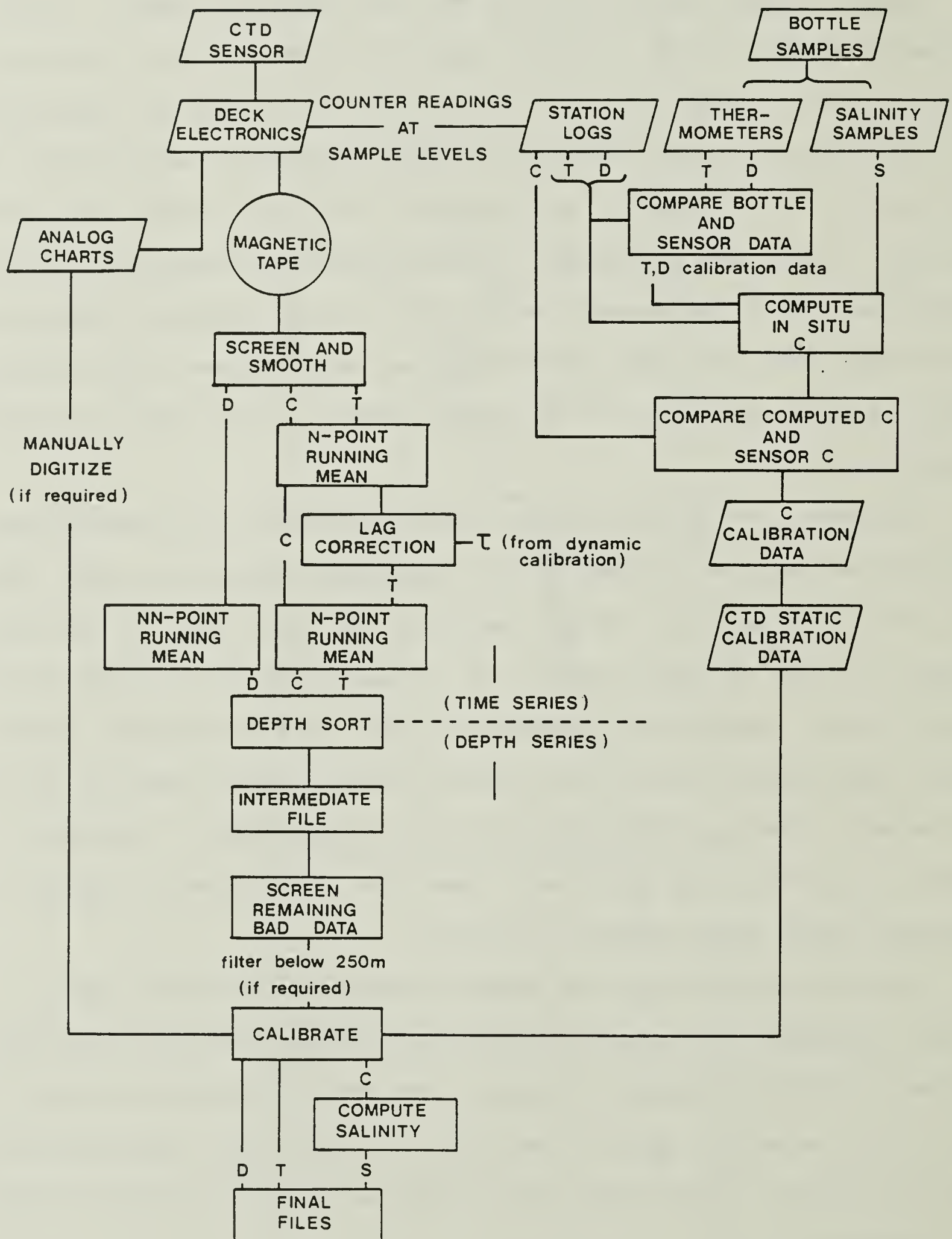


Fig. 4 - CTD Calibration Flow Diagram.

A correction for the time response lag of the temperature sensors is then applied to temperature before the series is sorted for increasing depth. The correction is based on the assumption (suggested by Scarlet, [1975]) that response is exponential with a time constant,  $\tau$ , such that

$$T' = T + \tau \frac{\partial T}{\partial t} \quad (1)$$

where  $T$  and  $T'$  are the sensed and corrected parameters, respectively. The major source of error is in the computing of  $\partial T / \partial t$ . DDL (digital data logger) resolution in temperature is  $\pm .003^\circ\text{C}$  but this may be degraded somewhat by noise. However, careful consideration of the sample rate and the range for smoothing and computing the temperature slope can give a workable computer approximation of equation 1. Once the correction model is established, we can return to the data for an estimate of what  $\tau$  should be.

A typical STD profile of the water column in the Fram I area is shown in Figure 5. The trace is relatively free of the "spiking" normally associated with accelerations of a ship's motion and rapid drop rates of a ship-launched cast. What is usually produced, however, is an apparent offset, primarily in salinity, which is related to the response lag of the temperature sensor and which is sustained until the temperature gradient subsides. Dantzler (1974) in particular has pointed out the importance of this kind of systematic error. A typical raw data printout will show the onset of an interface as two distinct events, one in conductivity and then one in temperature lagging one or more scan intervals behind. (Scan intervals were generally 0.5 sec; occasionally 0.1 or 1.0 sec.). Downtrace and uptrace T-S diagrams of the same profile were compared for a number of stations while the time constant  $\tau$  was adjusted so as to minimize the offset between traces (Bauer, et. al., 1980a, b, c, d).

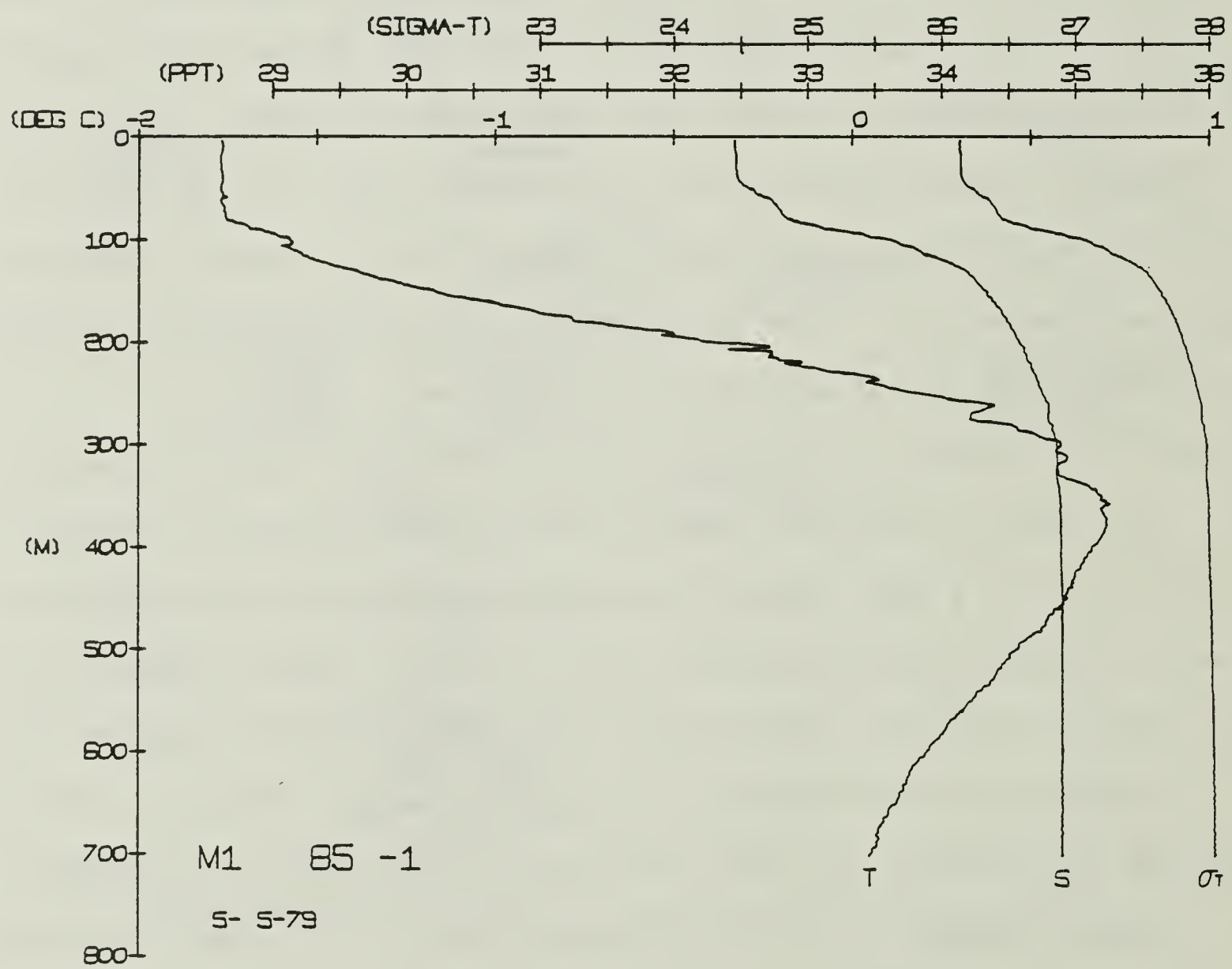


Fig. 5 - Normal S-T- $\sigma_t$  profiles from Fram I.



This approach is readily implemented as a calibration procedure using a CRT computer terminal to monitor T-S diagrams. The time constant for the correction model is adjusted at selected station intervals in the data set to compensate for observed trends in the sensor response. Results for this instrument indicated a best temperature lag coefficient ( $\tau$ ) to be 0.5 sec which is consistent with the coefficient determined during the AIDJEX Experiment for this instrument (Bauer, et. al., 1980a).

The extent to which the  $\tau$  value can be interpreted as a valid indication of sensor dynamic response depends, of course, on certain assumptions. The intermediate scale features are regarded as unchanged over the lapse of time (generally one hour) between downtrace and uptrace of any given station. Moreover, short-term changes would cause erratic adjustment of  $\tau$ , and this is not observed. The assumption that response lag in temperature is the dominant cause of offset between downtrace and uptrace also ignores other kinds of hysteresis and the effect of mixing by movement of the instrument package through the interface. In the case of mixing it might be proposed that the maximum effect occurs on the uptrace when the instrument wake precedes the sensors, entraining saltier water at the interface. The observed offset is toward lower salinity, however, and argues against the significance of this process.

Once the determination of  $\tau$  was completed, uptraces were eliminated from the data set. As can be seen from equation 1, temperature lag corrections no longer become necessary as the temperature gradient becomes very small and varies smoothly with depth. Below 400 m temperature lag corrections rarely attain a magnitude of  $0.0004^{\circ}\text{C}$ , and in the vast majority of cases it is less than  $0.002^{\circ}\text{C}$  which is less than the resolution of the DDL temperature and salinity data. As a result, no temperature lag corrections were made below



400 m. It should be stressed, however, in other parts of the Arctic Ocean this step might not be applicable because of the dynamic structure of the temperature gradient above 1000 m.

The time lag corrections were then applied to the smoothed temperature data, and the data then sorted according to increasing depth.

## CTD Static Calibration Procedures

Bottle data consisting of protected and unprotected thermometer readings, and salinity determinations from the water taken near the surface, the temperature maximum of the Atlantic Water and the bottom of the cast provided the bulk of the data necessary for the calibration of the conductivity, temperature and depth sensors. Recorded information pertaining to the output of the three sensors taken from the deck unit at the instant that the instrument was stopped provided the remaining data required for the calibration procedure. The information mentioned above was punched onto computer cards along with their appropriate station identification parameters and stored in the computer. Delta values between the recorded values and the bottle data were then calculated and stored on file along with the original input data.

Preliminary quality control checks were done on the calibration data after it had been stored on file. These checks consisted of looking for the delta values of temperature and depth outside a given tolerance range for each parameter. When data of this type were found, it became necessary to evaluate the validity of the values on the basis of technical logs and other possible sources of error, such as incorrectly punched input. In the majority of cases, an explanation for the excessive delta values was found and the data were repunched and again submitted to the data set. Of the 5 per cent of the calibration data set that required this special editing, less than 10 per cent of the data points were rejected because of technical problems.

Depth dependency of the various sensors within every calibration period was also calculated using least squares, best-fit polynomials. Their associated standard deviations and plots of the polynomial against the delta values were the criteria used to determine the polynomial of least degree that

would fit the data. In practice, the temperature sensor calibration was found not to be depth-dependent which agrees with previous work done with the Plessey CTD.

Depth, however, was always found to be quadratically depth-dependent. There were special cases for the depth and conductivity sensors where, depending on the number of points, linear to cubic fits were considered the best choice.

At the end of the calibration procedure, there were 3 delta functions for every point in time that would convert intermediate temperature and depth values to final calibrated data as shown in equation 2.

$$S_f = S_i = P_{sn}(d,t) \quad (2)$$

Using the polynomial equations for temperature and depth, it was then possible to calibrate the conductivity sensor.

The problem of conductivity calibration is two-fold: 1) to convert bottle data salinities obtained from the salinometer to in situ conductivities, and 2) to insure continuity between Plessey and salinometer conductivities before comparison.

To convert conductivities derived from salinometer measurements to salinities at the correct temperature and pressure observed by the sensor, the selection of a transfer equation (f), as shown by equation 3, was used:

$$c = f(s,t,p(z)) \quad (3)$$

where      $c$  = conductivity  
           $s$  = precise measurement of salinity (salinometer)  
           $t$  = actual temperature of water at depth  $z$   
           $p$  = pressure at depth of observation,  $z$ .

All salinity data are currently based on lab salinometer results as computed by the Practical Salinity Scale, 1978.

Bottle data readings were placed in permanent files in the computer as described previously. Final equations for the calibration of temperature and depth were calculated prior to the conductivity calibration procedure. These values were required as input parameters to the reversed Practical Salinity Scale equation to accurately provide the in situ conductivity given the precise values of salinity, temperature and the depth of observation.

Delta values in conductivity were then calculated for all the bottle data in the CTD set. Once the calibration polynomial had been formulated for conductivity, it became a straightforward process to calculate salinity-temperature-depth data from the intermediate CTD data. The order of progression is very important and is as follows:

- a) correct temperature to produce final temperature,  $t_f$
- b) correct depth to produce final depth,  $d_f$
- c) correct conductivity to produce final conductivity,  $c_f$
- d) compute salinity with Practical Salinity Scale-78 using  $t_f$ ,  $d_f$ ,  $c_f$

Final conductivity values were not saved during the processing and are, therefore, not reported.



### Subsequent Processing

Even though conductivity, temperature and depth had been converted into final calibrated data, errors still existed. A combination of several checks involving the plotting of the data in various forms and the sorting of various parameters revealed errors that were previously unnoticed.

The deletion of data while the sensors were in the hydrohole, where the water is unnaturally heated and freshened, and the addition of weather and position information for the individual stations were also a part of this procedure.

T-S diagrams were employed on large groups of stations to show stations which deviated from the mean. Stations that were flagged in this manner were rechecked for validity. If the data turned out to be in error and the error resulted from processing, the station was reworked from the point at which the error occurred.

Nested temperature and salinity traces plotted in this report were also a useful quality control to observe stations that did not follow the mean trends of the other plotted profiles. If a station was considered questionable, the original analog chart was used as the basis for the deletion or acceptance of the profile. Sequential sorting of the recorded dates and times of the stations was also done and stations that were out of order were resubmitted to the data set.

Temperature and salinity values taken while the sensor was in the hydrohole (ice thickness of 2 m) were then removed.

As a final indication of the quality of the salinity and temperature data, averaged values of the bottle and reversing thermometer at the various sampling depths are shown in the profiles as "x's" and "+s", respectively.



## ACCURACY OF THE DATA

Tests were run to determine the accuracy of the DDL. The bottle data were used as the standard against which the final salinities and temperatures were checked. The final salinity and temperature data were then subtracted from the observed bottle data at the various tripping depths. Mean differences and associated standard deviations for conductivity and temperature were  $.004 \pm .006$  and  $.004 \pm .005$  respectively.

## METEOROLOGY DATA

Periodic surface observations and continuous digital recordings of meteorological sensors at a fixed height above the surface of the ice were maintained at Fram I. From the original data, three-hourly averages of surface barometric pressure, and half-hourly averages of wind speed, and direction at 9.2 meters and air temperature at 7.8 meters above the surface were obtained for Fram I.

Data which were closest in time to each station were recorded along with the station data in permanent files on the computer (blanks implying no data available for that parameter).

## POSITION ESTIMATES AND ASSOCIATED ERRORS

Filtered and smoothed estimates for position and velocity through time were computed from the original edited satellite navigation in a similar manner as that of Thorndike and Manley (1980a, b).

Position estimates were not regularly spaced in time nor did they correspond to the starting times of stations; thus reliable estimates of the position and ice velocity, as well as associated errors at the time of the CTD stations were made through quadratic interpolations in the same manner as that described by Manley et. al. (1980a, b, c, d), and Bauer et. al. (1980a, b, c, d). Normally, 25 to 30 position fixes were recorded per day, but this could rise to close to 60 and for a period of approximately 2 days the number dropped to zero.

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TABLE 1

## STATION INFORMATION

In this section is a brief listing of all the CTD station taken on Fram I along with other pertinent information. A list of the terms and their meanings is shown below:

CAMP	Name of Camp
STAT	CTD Station
MODE	1 implies downtrace 2 implies uptrace
DAY	Day of Station
MON	Month of Station
YR	Year of Station
TIME	GMT Time of Station
CODE	Processing Code, see Table 2
JULDAY	Julian Day (decimal) of station
D. MIN	Minimum Depth (meters) of station
D. MAX	Maximum Depth reached at station
LATITUDE	Latitude of station in decimal degrees
LONGITUDE	Longitude of station in decimal degrees ( - indicates west longitude)
LT. ERR	Error of Latitude Position in meters
LG. ERR	Error of Longitude Position in meters



TABLE 1

CAMP	STAT	MODE	DY	MON	YR	TIME	CODE	AJXDAY	D. MIN	D. MAX	LATITUDE	LONGITUDE	LAT.	FKR	LNG.	ERR
FRAM	1	1	29	MAR	79	2200	1	88.9167	4	488.7	84.81780	-10.49960	0.9	9	1.7	7
FRAM	1	1	30	MAR	79	1627	1	89.6854	3	700.7	84.76380	-10.35480	1.6	4	4.3	5
FRAM	1	1	31	MAR	79	1430	1	90.6042	3	740.0	84.71570	-10.1870	18.6	4	34.0	6
FRAM	1	1	1	APR	79	1100	1	91.4583	3	697.0	84.71590	-10.16570	10.0	1	0.2	3
FRAM	1	1	1	APR	79	1707	1	91.7132	3	699.2	84.72760	-10.22350	10.1	5	29.1	5
FRAM	1	1	2	APR	79	740	1	92.3194	3	697.4	84.74100	-10.23260	98.1	5	11.2	0
FRAM	1	1	3	APR	79	1807	1	92.7549	3	700.4	84.72350	-10.15390	1.5	0	2.7	7
FRAM	1	1	3	APR	79	1707	1	92.7132	3	700.6	84.67460	-9.68330	1.5	0	6.2	0
FRAM	1	1	3	APR	79	1835	1	93.7743	3	704.4	84.67160	-9.55810	1.5	0	0.0	9
FRAM	1	1	4	APR	79	700	1	94.2717	3	700.1	84.66010	-9.55170	1.5	0	0.0	9
FRAM	1	1	4	APR	79	1837	1	94.7757	3	701.3	84.64720	-9.42350	1.5	0	0.0	9
FRAM	1	1	5	APR	79	700	1	95.2917	3	702.0	84.63870	-9.28230	1.5	0	0.0	9
FRAM	1	1	5	APR	79	1835	1	95.7743	3	702.4	84.63540	-9.25050	1.5	0	0.0	9
FRAM	1	1	6	APR	79	707	1	96.2965	3	702.4	84.63750	-9.18400	1.5	0	0.0	9
FRAM	1	1	6	APR	79	1833	1	96.7729	3	700.1	84.63660	-9.14560	1.5	0	0.0	9
FRAM	1	1	7	APR	79	654	1	97.2875	3	700.1	84.63240	-9.14750	1.5	0	0.0	9
FRAM	1	1	7	APR	79	1903	1	97.7937	3	698.9	84.62210	-9.13860	1.5	0	0.0	9
FRAM	1	1	8	APR	79	707	1	98.2965	3	700.6	84.60230	-9.17850	1.5	0	0.0	9
FRAM	1	1	8	APR	79	1933	1	98.8146	3	702.4	84.60060	-9.18140	1.5	0	0.0	9
FRAM	1	1	9	APR	79	725	1	99.3090	3	699.8	84.59770	-9.16760	1.5	0	0.0	9
FRAM	1	1	9	APR	79	700	1	99.8076	3	699.0	84.59650	-9.12510	1.5	0	0.0	9
FRAM	1	1	10	APR	79	1821	1	100.2917	3	700.0	84.58560	-8.94720	39.1	8	81.1	8
FRAM	1	1	10	APR	79	707	1	100.7646	3	700.0	84.56900	-8.89930	11.1	1	17.2	2
FRAM	1	1	11	APR	79	1837	1	101.2965	3	699.9	84.54990	-8.86660	1.1	1	2.0	0
FRAM	1	1	11	APR	79	1702	1	101.7757	3	699.9	84.51190	-8.89970	1.1	1	2.0	0
FRAM	1	1	12	APR	79	1848	1	102.2931	3	699.9	84.51190	-8.86660	1.1	1	2.0	0
FRAM	1	1	12	APR	79	704	1	102.7833	3	698.8	84.49920	-8.96970	1.1	1	2.0	0
FRAM	1	1	13	APR	79	1834	1	103.2944	3	698.8	84.51610	-8.96970	1.1	1	2.0	0
FRAM	1	1	13	APR	79	1834	1	103.7736	3	702.0	84.52840	-9.26130	1.1	1	2.0	0
FRAM	1	1	14	APR	79	724	1	104.3083	3	698.8	84.52360	-9.25870	1.1	1	2.0	0
FRAM	1	1	14	APR	79	1828	1	104.7694	3	698.8	84.52130	-9.25090	1.1	1	2.0	0
FRAM	1	1	15	APR	79	928	1	105.2944	3	699.9	84.51870	-9.24200	1.1	1	2.0	0
FRAM	1	1	15	APR	79	1830	1	105.7708	3	699.9	84.51860	-9.24590	1.1	1	2.0	0
FRAM	1	1	16	APR	79	706	1	106.2958	3	701.1	84.51780	-9.23470	1.1	1	2.0	0
FRAM	1	1	16	APR	79	1817	1	106.7618	3	699.9	84.52010	-9.23470	1.1	1	2.0	0
FRAM	1	1	17	APR	79	709	1	107.2979	3	699.9	84.52540	-9.23580	1.1	1	2.0	0
FRAM	1	1	17	APR	79	1837	1	107.7757	3	699.9	84.51830	-9.23510	1.1	1	2.0	0
FRAM	1	1	18	APR	79	716	1	108.3028	3	699.9	84.50560	-9.23510	1.1	1	2.0	0
FRAM	1	1	18	APR	79	1837	1	108.7757	3	699.9	84.49410	-9.23510	1.1	1	2.0	0
FRAM	1	1	19	APR	79	708	1	109.2972	3	698.8	84.47720	-9.23510	1.1	1	2.0	0
FRAM	1	1	19	APR	79	1901	1	109.7924	3	698.8	84.44500	-9.23510	1.1	1	2.0	0
FRAM	1	1	19	APR	79	2214	1	109.9264	3	700.0	84.43800	-9.23510	1.1	1	2.0	0
FRAM	1	1	20	APR	79	647	1	110.2826	3	700.0	84.42330	-9.23510	1.1	1	2.0	0
FRAM	1	1	20	APR	79	1901	1	110.7924	3	699.9	84.39360	-8.86880	1.1	1	2.0	0
FRAM	1	1	21	APR	79	705	1	111.2951	3	699.9	84.36600	-8.86880	1.1	1	2.0	0
FRAM	1	1	21	APR	79	1831	1	111.7715	3	700.0	84.33790	-8.86880	1.1	1	2.0	0
FRAM	1	1	22	APR	79	710	1	112.2986	3	699.9	84.32670	-8.86880	1.1	1	2.0	0
FRAM	1	1	22	APR	79	1842	1	112.7792	3	699.9	84.31660	-8.86880	1.1	1	2.0	0
FRAM	1	1	23	APR	79	705	1	113.2951	3	699.9	84.31670	-8.86880	1.1	1	2.0	0
FRAM	1	1	23	APR	79	1906	1	113.7958	3	699.9	84.30760	-8.86880	1.1	1	2.0	0
FRAM	1	1	24	APR	79	714	1	114.3014	3	699.9	84.30240	-8.86880	1.1	1	2.0	0
FRAM	1	1	24	APR	79	1724	1	114.7250	3	699.9	84.29220	-8.86880	1.1	1	2.0	0
FRAM	1	1	25	APR	79	1140	1	115.4861	3	699.9	84.29220	-8.86880	1.1	1	2.0	0
FRAM	1	1	25	APR	79	1316	1	115.5528	3	699.9	84.29150	-8.86880	1.1	1	2.0	0
FRAM	1	1	25	APR	79	1430	1	115.6042	3	699.9	84.29220	-8.86880	1.1	1	2.0	0
FRAM	1	1	25	APR	79	1605	1	115.6701	3	699.9	84.29220	-8.86880	1.1	1	2.0	0
FRAM	1	1	25	APR	79	1648	1	115.7000	3	699.9	84.29430	-8.86880	1.1	1	2.0	0
FRAM	1	1	25	APR	79	1734	1	115.7319	3	699.9	84.29180	-8.86880	1.1	1	2.0	0
FRAM	1	1	25	APR	79	1858	1	115.7903	3	699.9	84.28500	-8.86880	1.1	1	2.0	0
FRAM	1	1	26	APR	79	705	1	116.2951	3	699.9	84.28940	-8.86880	1.1	1	2.0	0
FRAM	1	1	26	APR	79	1337	1	116.5674	3	699.9	84.28790	-8.86880	1.1	1	2.0	0
FRAM	1	1	26	APR	79	1850	1	116.7847	3	699.9	84.28300	-8.86880	1.1	1	2.0	0
FRAM	1	1	27	APR	79	759	1	117.3326	3	699.9	84.28090	-8.86880	1.1	1	2.0	0
FRAM	1	1	27	APR	79	1925	1	117.8090	3	699.9	84.28890	-8.86880	1.1	1	2.0	0
FRAM	1	1	28	APR	79	719	1	118.3049	3	699.9	84.27800	-8.86880	1.1	1	2.0	0
FRAM	1	1	28	APR	79	1300	1	118.5417	3	699.9	84.26490	-8.86880	1.1	1	2.0	0
FRAM	1	1	28	APR	79	1836	1	118.7750	3	699.9	84.25480	-8.86880	1.1	1	2.0	0
FRAM	1	1	29	APR	79	1300	1	119.5417	3	699.9	84.22280	-8.86880	1.1	1	2.0	0
FRAM	1	1	29	APR	79	1857	1	119.7896	3	699.9	84.21440	-8.86880	1.1	1	2.0	0
FRAM	1	1	30	APR	79	715	1	120.3021	3	696.6	84.20290	-8.86880	1.1	1	2.0	0

TABLE 1 (cont'd)

CAMP	STAT	MODE	DY	MON	YR	TIME	CODE	AJXDAY	D. MIN	D. MAX	LATITUDE	LONGITUDE	LAT. ERR	LNG. ERR
FRAM 1	71	1	30	APR	79	1301	1	120.5424	3.0	697.5	84.18840	-7.91530	3.7	11.3
FRAM 1	72	1	30	APR	79	1912	1	120.8000	3.0	696.9	84.17390	-7.78710	0.7	1.2
FRAM 1	73	1	1	MAY	79	1707	1	121.2965	3.1	697.4	84.14240	-7.53610	0.4	0.7
FRAM 1	74	1	1	MAY	79	1254	1	121.5375	3.1	698.8	84.12040	-7.37980	0.0	0.0
FRAM 1	75	1	1	MAY	79	1900	1	121.7917	3.1	704.1	84.09910	-7.30650	0.0	0.5
FRAM 1	76	1	2	MAY	79	1726	1	122.3097	3.0	699.2	84.06440	-7.24610	0.8	1.4
FRAM 1	77	1	2	MAY	79	1338	1	122.5681	3.1	697.8	84.03900	-7.27010	0.3	0.3
FRAM 1	78	1	2	MAY	79	1906	1	122.7558	3.0	699.1	84.01570	-7.29970	0.4	0.7
FRAM 1	79	1	3	MAY	79	1705	1	123.2951	3.1	698.1	84.00120	-7.24980	1.1	0.2
FRAM 1	80	1	3	MAY	79	1008	1	123.4222	3.1	315.7	83.99740	-7.22190	1.1	0.2
FRAM 1	81	1	3	MAY	79	1911	1	123.7993	3.0	698.5	83.98120	-7.07200	0.9	1.8
FRAM 1	82	1	4	MAY	79	1712	1	124.3000	3.0	697.4	83.94550	-6.99270	0.0	0.0
FRAM 1	83	1	4	MAY	79	1930	1	124.8125	3.0	698.2	83.89530	-6.97640	0.0	0.0
FRAM 1	84	1	5	MAY	79	1756	1	125.3306	3.1	700.4	83.83060	-6.91740	0.0	0.0
FRAM 1	85	1	5	MAY	79	1241	1	125.5285	3.1	700.1	83.80080	-6.87830	1.4	1.9
FRAM 1	86	1	5	MAY	79	1828	1	125.7694	3.0	704.0	83.77000	-6.83570	0.0	0.0
FRAM 1	87	1	6	MAY	79	1703	1	126.2938	3.0	698.6	83.69410	-6.76730	0.0	0.2
FRAM 1	88	1	6	MAY	79	925	1	126.3924	3.1	250.3	83.66280	-6.78740	1.1	0.2

## OUTPUT FORMAT OF FINAL DATA

This report contains salinity and temperature profile data from surface to 700 m taken at drifting ice station Fram I with a Plessey 9040 CTD.

Station information is provided in three different formats consisting of 1) monthly times series of nested temperature or salinity profiles, 2) numerical listings and 3) profiles of temperature, salinity and sigma-t ( $T-S-\sigma_t$ ) versus depth.

Time series of temperature or salinity profiles to a maximum of 700 m nested into one month blocks are presented in "Results - Section 1". Station numbers are indicated at the end of each trace; all other labelling is self explanatory.

In general, two profiles of  $T-S-\sigma_t$  are graphically shown on one page of the data report. On the facing page, the corresponding numerical listings of the station are shown. The numerical data consist of the parameters relating to the station and in some cases are abbreviated to save space. A listing of these abbreviated terms and their meanings can be found in Table 2. The main body of the numerical listings consists of values of temperature, potential temperature, salinity, sigma-t ( $\sigma_t$ ), specific volume anomaly, dynamic height and sound velocity against various interpolated levels of depth. Since upper surface layer data are omitted from the data set (the sensor being in the hydrohole), surface readings of temperature and salinity are duplicated from the first data seen in the cast. The first and last data of the station are shown as one of the first values below the depth of 0.0 meters and the last values of the listing respectively.

Some station listings will show nothing for dynamic height. This implies that either the segment of missing data in the profile was too large to interpolate over, or only temperature or salinity data were available.



Average values of the bottle data at a particular depth level are also listed at the bottom of the data listing.

Corresponding profiles of temperature, salinity and sigma-t for the station listing are shown on the facing page.

The label at the end of each trace ( $T-S-\sigma_t$ ) indicates the parameter of temperature, salinity and sigma-t respectively. Scales at the upper part of the diagram are labeled to correspond to the parameters and are also shifted with respect to one another to provide the maximum amount of clarity of the traces. Depth is in meters. Station identification and data are in the lower left hand corner in the following format:

M1      STN-MOD  
MONTH - DAY - YEAR

where

M1 is the camp identifier for Fram I

STN is the station number

MOD is the mode

1 = downtrace

2 = uptrace

Salinity values obtained from the bottle data are plotted on the traces as an "X" and temperature values obtained from reversing thermometers are indicated on the traces as a "+".



TABLE 2

Definition and Meanings of Abbreviated Terms in the Station Listing

Station xxx (y)	Station number (xxx) and mode of trace (y) where:
CTD	Station taken with CTD y = 1 indicates downtrace y = 2 indicates uptrace
GMT	Times shown are Greenwich Mean Time
Code = I	Processing Code where if I =
	A) 1 → 5 profile contains both temperature and salinity data.
	1) data from magnetic tape
	2) data from manual digitization of analog charts
	3) subsequent filtering below 250 m in salinity only
	4) subsequent filtering below 250 m in temperature only
	5) subsequent filtering below 250 m in both temperature and salinity
	B) 11 → 13 profile is in salinity only
	11) data from magnetic tape
	12) data from manual digitization of analog charts
	13) filtered below 250 meters
	C) 21 → 23 profile in temperature only
	21) data from magnetic tape
	22) data from manual digitization of analog charts
	23) filtered below 250 meters
LAT	Latitude in decimal degrees N (North)
LONG	Longitude in decimal degrees W (West)
LTER	Estimate of positional error for latitude in meters
LGER	Estimate of positional error for longitude in meters
AIR TEMP	Air temperature in degrees C at 7.8 meters above surface of ice
BAROM	Barometric pressure in millibars, taken at surface
WIND	Wind direction in degrees true north, taken at 9.2 meters above surface of ice
SPEED	Wind speed in meters/sec., taken at 9.2 meters above surface of ice.

TABLE 2 (cont'd)

LISTING PARAMETERS

DEPTH	Depth in meters
TEMP	Temperature in degrees C
PTEMP	Potential temperature in degrees C
SALIN	Salinity in parts per thousand
SIG T	Sigma-t density where: density ( $\rho$ ) = $1.0 + ((\text{Sig T}) * 1000.0)$
SPVOL	Specific volume anomaly ( $\times 10^{-5} \text{cm}^3/\text{gm}$ )
DYNHT	Dynamic height (dynamic meters)
SOUND	Sound velocity in meters/sec., calculated from Matthews equation

BOTTLE DATA LISTING

DEPTH	Depth in meters at which bottle was tripped
TEMP	Average temperature of reversing thermometer in degrees C
SAL	Determined salinity of water sample taken at depth indicated; in ppt

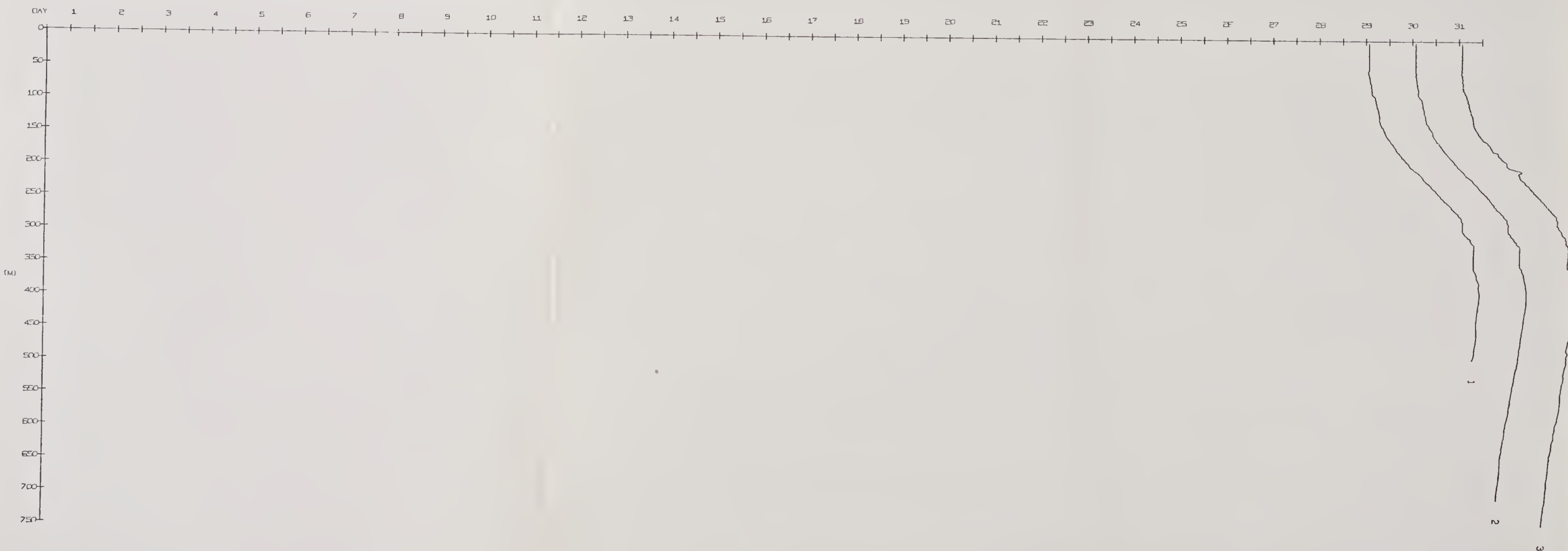
## RESULTS

### Section 1 (Nested Vertical Profiles)

This section contains the plots of temperature and salinity to a depth of 700 m nested into a monthly time series.

# TEMPERATURE PROFILES AT CAMP FRAM 1 MAR 1, 1979 TO MAR 31, 1979

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY

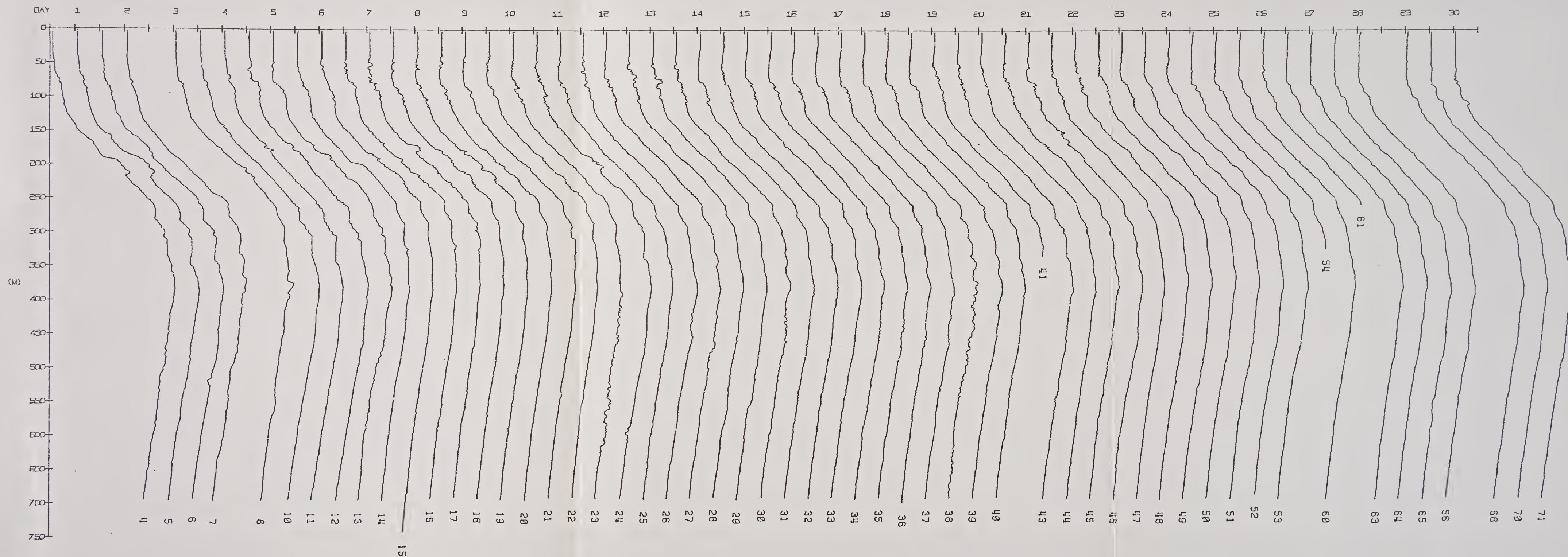






# TEMPERATURE PROFILES AT CAMP FRAM 1 APR 1, 1979 TO APR 30, 1979

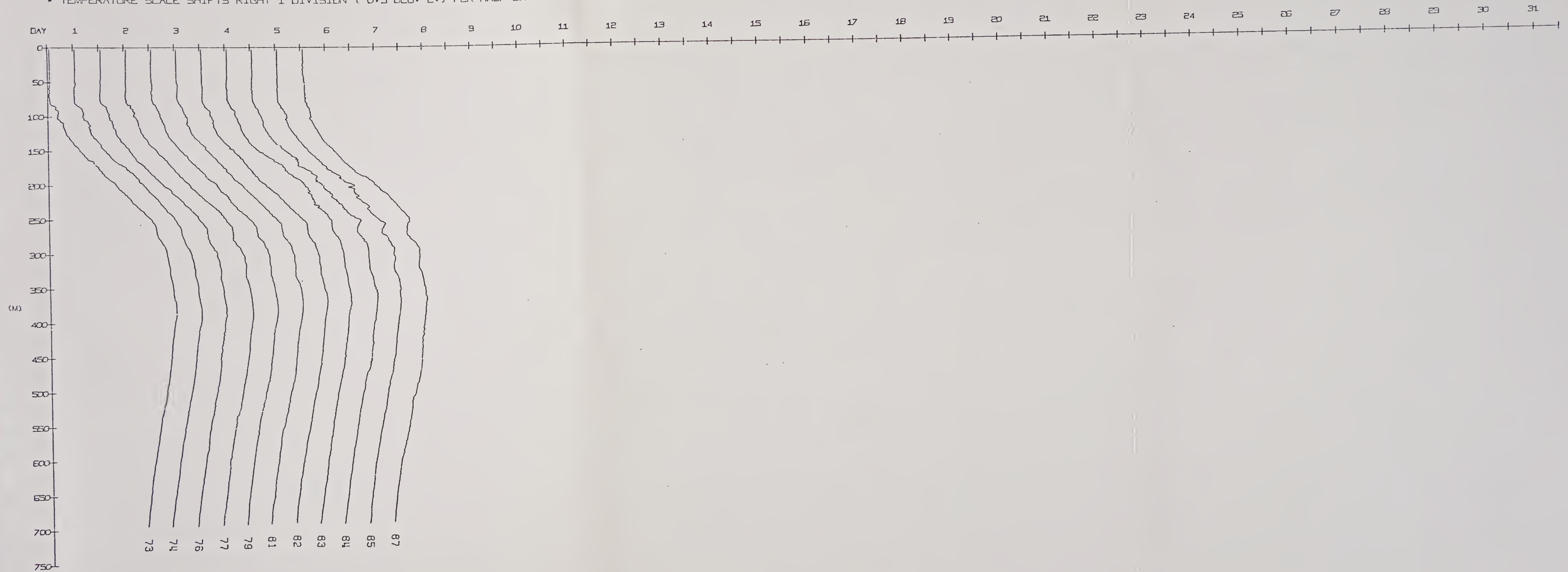
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY





TEMPERATURE PROFILES AT CAMP FRAM 1  
MAY 1, 1979 TO MAY 31, 1979

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY

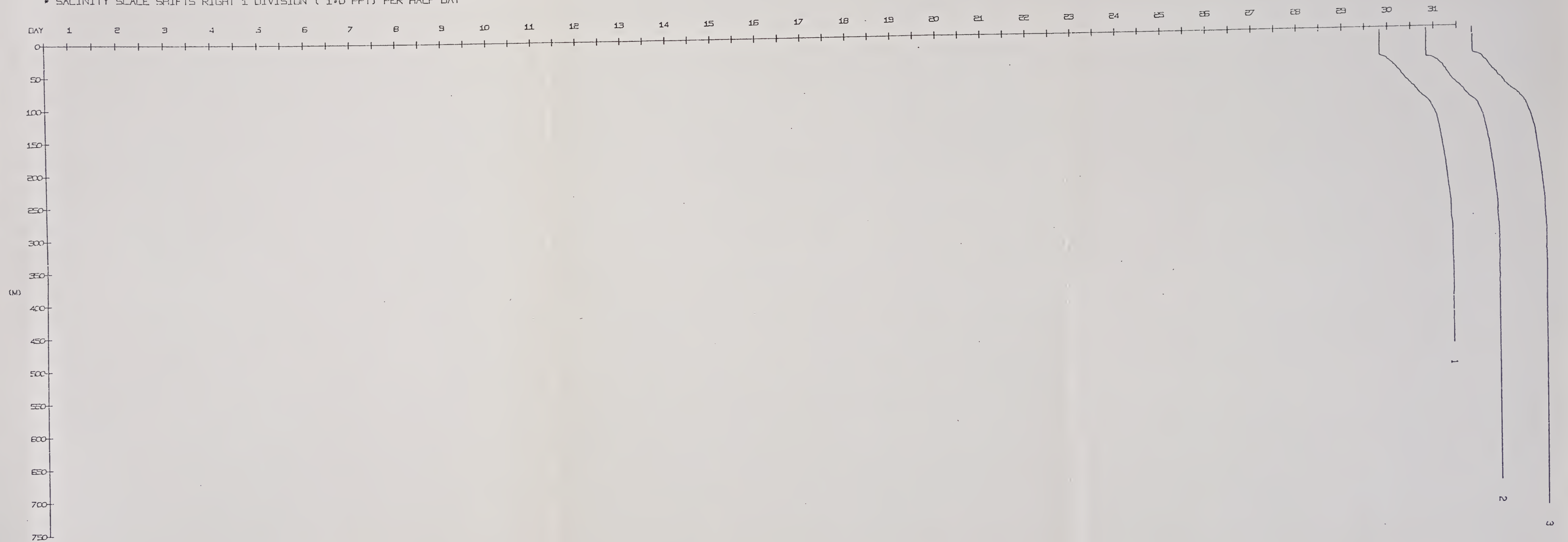






SALINITY PROFILES AT CAMP FRAM 1  
MAR 1, 1979 TO MAR 31, 1979

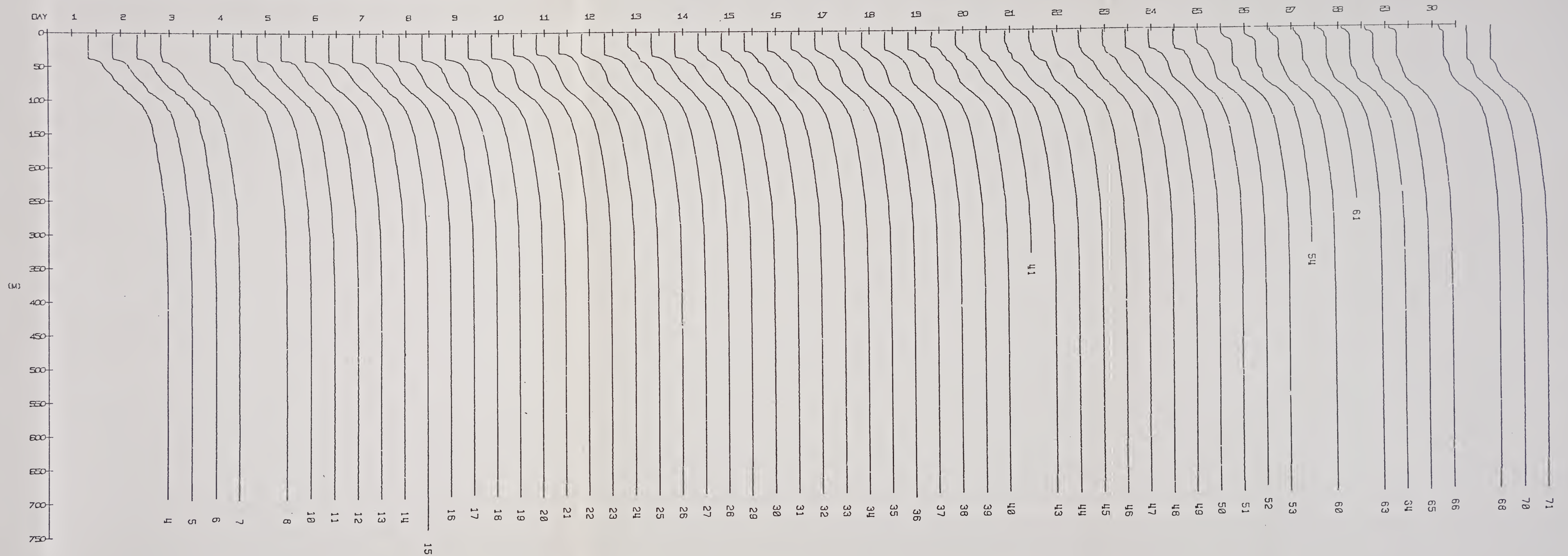
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION ( 1.0 PPT) PER HALF DAY





# SALINITY PROFILES AT CAMP FRAM 1 APR 1, 1979 TO APR 30, 1979

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION ( 1.0 PPT) PER HALF DAY

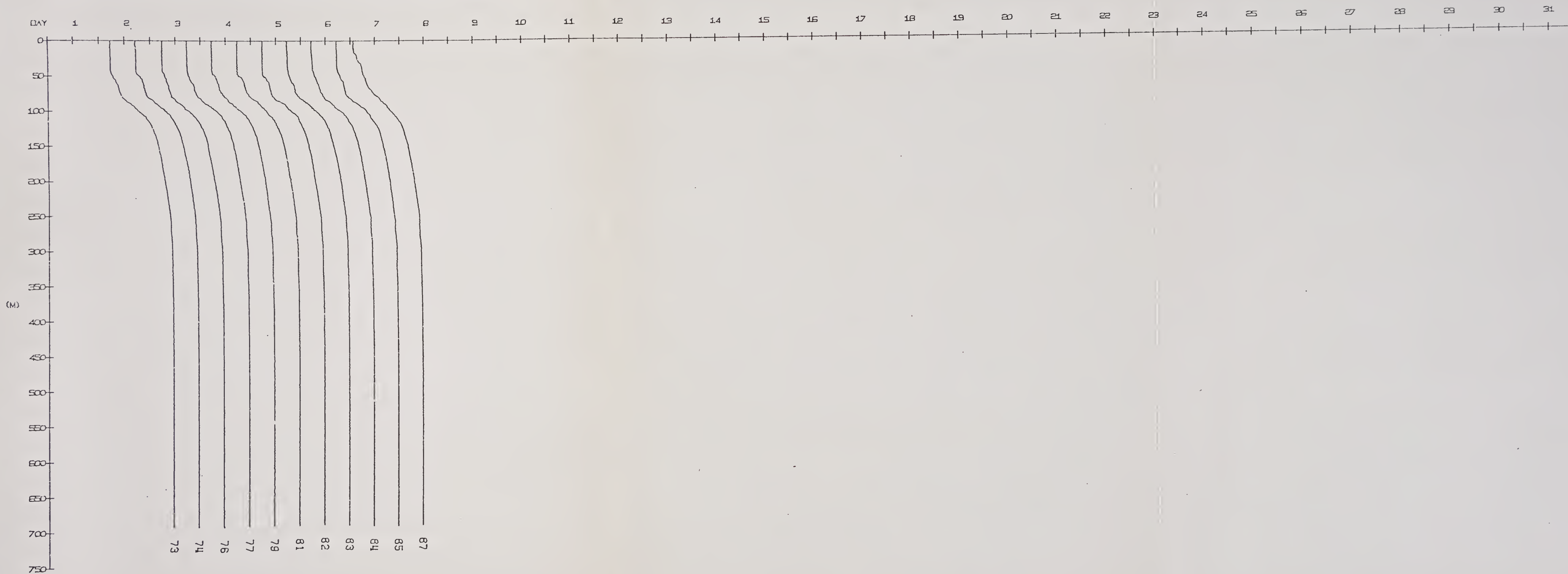






SALINITY PROFILES AT CAMP FRAM 1  
MAY 1, 1979 TO MAY 31, 1979

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION ( 1.0 PPT) PER HALF DAY





## RESULTS

### Section 2 (STD Data)

This section provides all of the STD Data taken at Fram I.  
The numerical listings and corresponding plots are given.

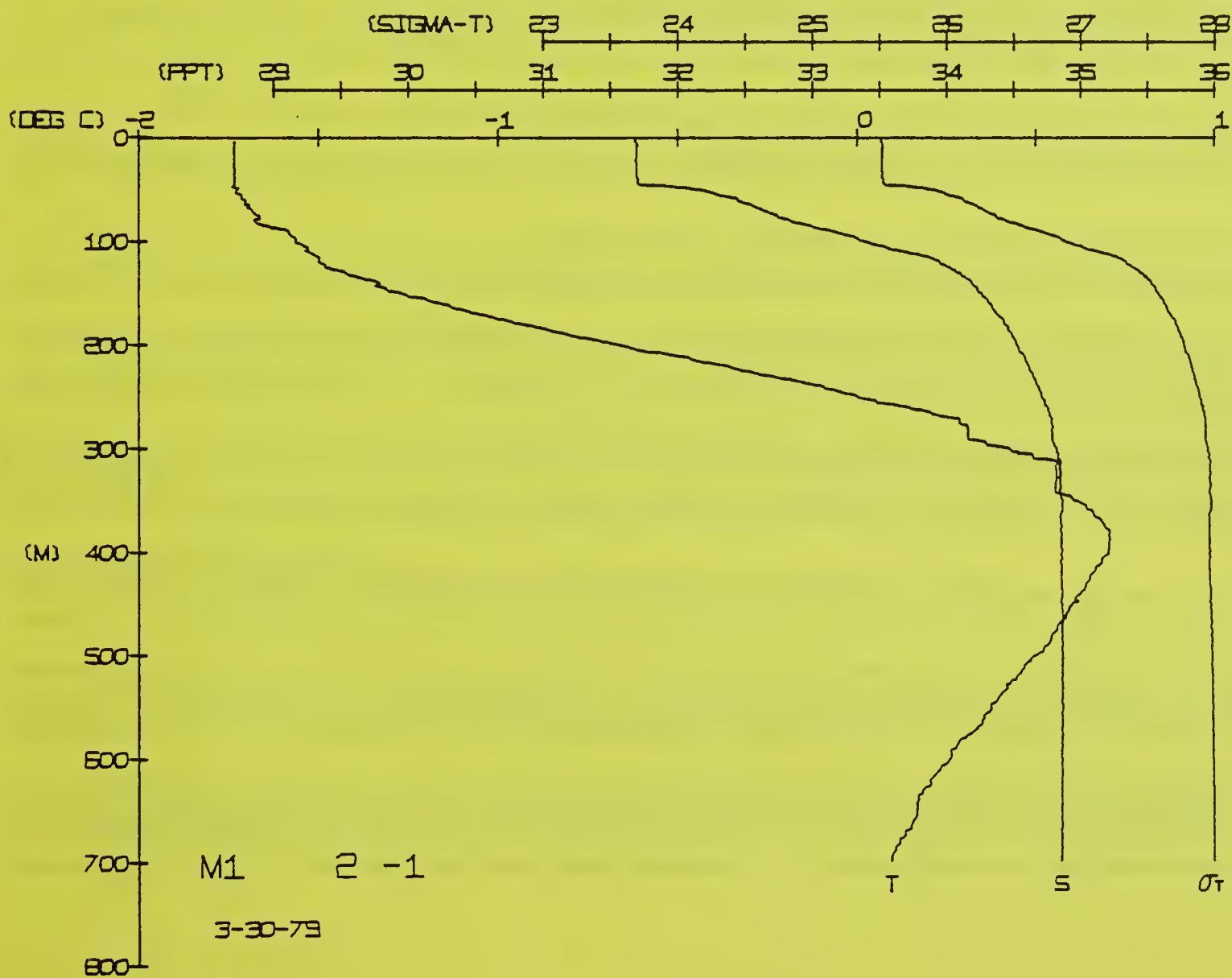
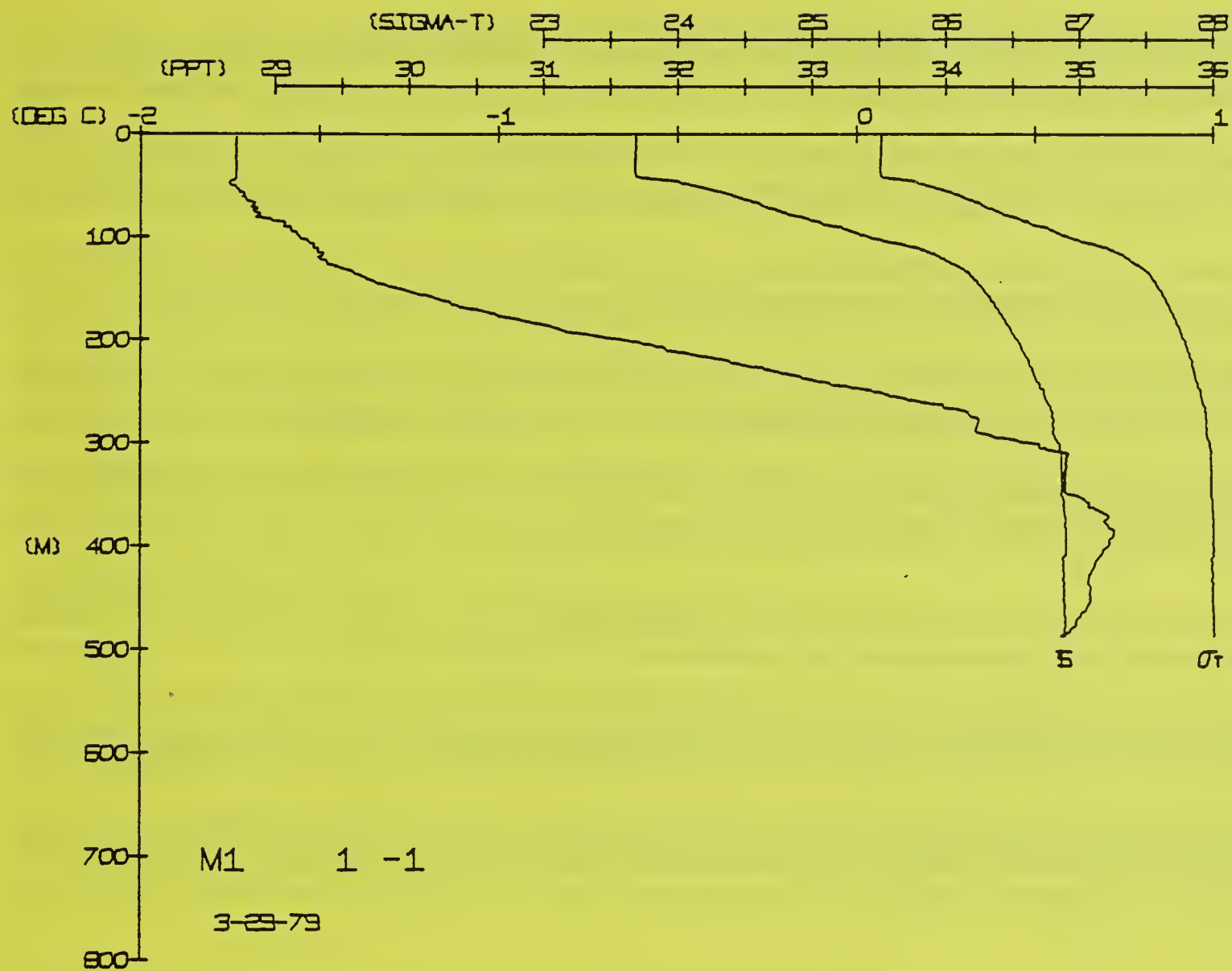


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FRAM 1 STATION 2(1) CTD 30/MAR/1979 1627 GMT CODE = 1
LAT = 84. 7638N LNG = 10. 3548W LTER = 2. LGER = 5.
AIR TEMP = BAROM = WIND = SPEED =

```

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.73	-1.73	31.69	25.52	247.7	0.000	1436.5
3.1	-1.73	-1.73	31.69	25.52	247.4	0.008	1436.6
5.0	-1.73	-1.73	31.69	25.52	247.7	0.012	1436.6
10.0	-1.73	-1.73	31.69	25.52	247.5	0.025	1436.7
15.0	-1.73	-1.73	31.69	25.52	247.4	0.037	1436.8
20.0	-1.73	-1.73	31.69	25.52	247.0	0.050	1436.9
25.0	-1.73	-1.73	31.70	25.52	246.7	0.062	1437.1
30.0	-1.73	-1.73	31.70	25.52	246.6	0.075	1437.1
35.0	-1.73	-1.74	31.70	25.53	246.5	0.087	1437.1
40.0	-1.73	-1.73	31.71	25.53	246.0	0.100	1437.1
45.0	-1.73	-1.73	32.08	25.83	220.1	0.112	1437.1
50.0	-1.72	-1.72	32.28	25.99	189.9	0.124	1437.9
55.0	-1.71	-1.71	32.43	26.12	182.4	0.134	1438.3
60.0	-1.70	-1.69	32.53	26.20	175.2	0.144	1438.6
65.0	-1.69	-1.68	32.62	26.43	150.7	0.153	1439.2
70.0	-1.68	-1.68	32.82	26.67	118.9	0.162	1439.6
80.0	-1.68	-1.68	33.37	26.81	113.7	0.179	1439.9
90.0	-1.59	-1.59	33.66	27.11	118.8	0.194	1440.1
100.0	-1.57	-1.57	33.95	27.34	119.5	0.207	1441.1
110.0	-1.53	-1.54	34.08	27.44	73.3	0.218	1442.2
120.0	-1.50	-1.50	34.19	27.53	63.3	0.227	1443.4
130.0	-1.43	-1.43	34.25	27.63	56.0	0.240	1444.4
140.0	-1.34	-1.34	34.32	27.75	51.4	0.245	1444.5
150.0	-1.28	-1.28	34.38	27.78	46.2	0.250	1444.6
160.0	-1.17	-1.17	34.44	27.81	38.4	0.254	1444.7
170.0	-1.06	-0.94	34.49	27.84	32.9	0.262	1447.9
180.0	-0.94	-0.81	34.53	27.86	27.2	0.266	1448.7
190.0	-0.81	-0.67	34.58	27.88	25.3	0.274	1451.4
200.0	-0.67	-0.58	34.65	27.90	21.6	0.277	1453.0
210.0	-0.57	-0.52	34.71	27.92	19.1	0.281	1453.3
220.0	-0.42	-0.38	34.76	27.94	17.4	0.285	1454.5
230.0	-0.37	-0.32	34.80	27.95	15.9	0.286	1455.1
240.0	-0.25	-0.26	34.85	27.96	14.4	0.290	1455.6
250.0	-0.10	-0.11	34.86	27.97	14.4	0.292	1457.1
260.0	0.00	0.01	34.87	27.98	14.4	0.294	1457.7
270.0	0.13	0.12	34.87	27.98	14.4	0.295	1457.7
280.0	0.24	0.23	34.87	27.98	14.4	0.298	1458.2
290.0	0.31	0.30	34.87	27.98	14.4	0.301	1458.7
300.0	0.42	0.40	34.87	27.98	14.4	0.304	1458.7
310.0	0.51	0.49	34.87	27.98	14.4	0.307	1458.7
320.0	0.56	0.55	34.87	27.98	14.4	0.310	1458.7
330.0	0.56	0.55	34.87	27.98	14.4	0.313	1458.7
340.0	0.61	0.59	34.87	27.98	14.4	0.315	1458.7
350.0	0.61	0.59	34.86	27.99	14.4	0.318	1458.7
360.0	0.68	0.67	34.86	27.98	14.4	0.322	1459.9
370.0	0.68	0.67	34.87	27.98	14.4	0.325	1459.9
380.0	0.69	0.67	34.87	27.98	14.4	0.327	1460.0
390.0	0.71	0.69	34.87	27.99	14.4	0.329	1460.0
400.0	0.69	0.67	34.87	27.99	14.4	0.331	1460.0
410.0	0.65	0.63	34.87	27.99	14.4	0.333	1460.0
430.0	0.62	0.59	34.87	28.01	14.4	0.335	1460.0
450.0	0.57	0.55	34.88	28.01	14.4	0.337	1460.0
470.0	0.54	0.52	34.88	28.00	14.4	0.339	1460.0
490.0	0.54	0.52	34.88	28.00	14.4	0.339	1460.0
510.0	0.48	0.45	34.88	28.01	14.4	0.339	1460.0
530.0	0.42	0.40	34.88	28.01	14.4	0.339	1460.0
550.0	0.38	0.36	34.88	28.01	14.4	0.339	1460.0
570.0	0.34	0.32	34.88	28.01	14.4	0.339	1460.0
590.0	0.28	0.26	34.88	28.01	14.4	0.339	1460.0
610.0	0.24	0.21	34.88	28.02	14.4	0.339	1460.0
630.0	0.20	0.17	34.88	28.02	14.4	0.339	1460.0
650.0	0.17	0.14	34.88	28.02	14.4	0.339	1460.0
670.0	0.15	0.12	34.88	28.03	14.4	0.339	1460.0
690.0	0.11	0.08	34.88	28.03	14.4	0.339	1460.0





FRAM 1 STATION 3(1) CTD 31/MAR/1979 1430 GMT CODE = 1  
LAT = 84.7157N LNG = 10.1187W LTER = 19. LGER = 35.  
AIR TEMP = BAROM = WIND = SPEED =

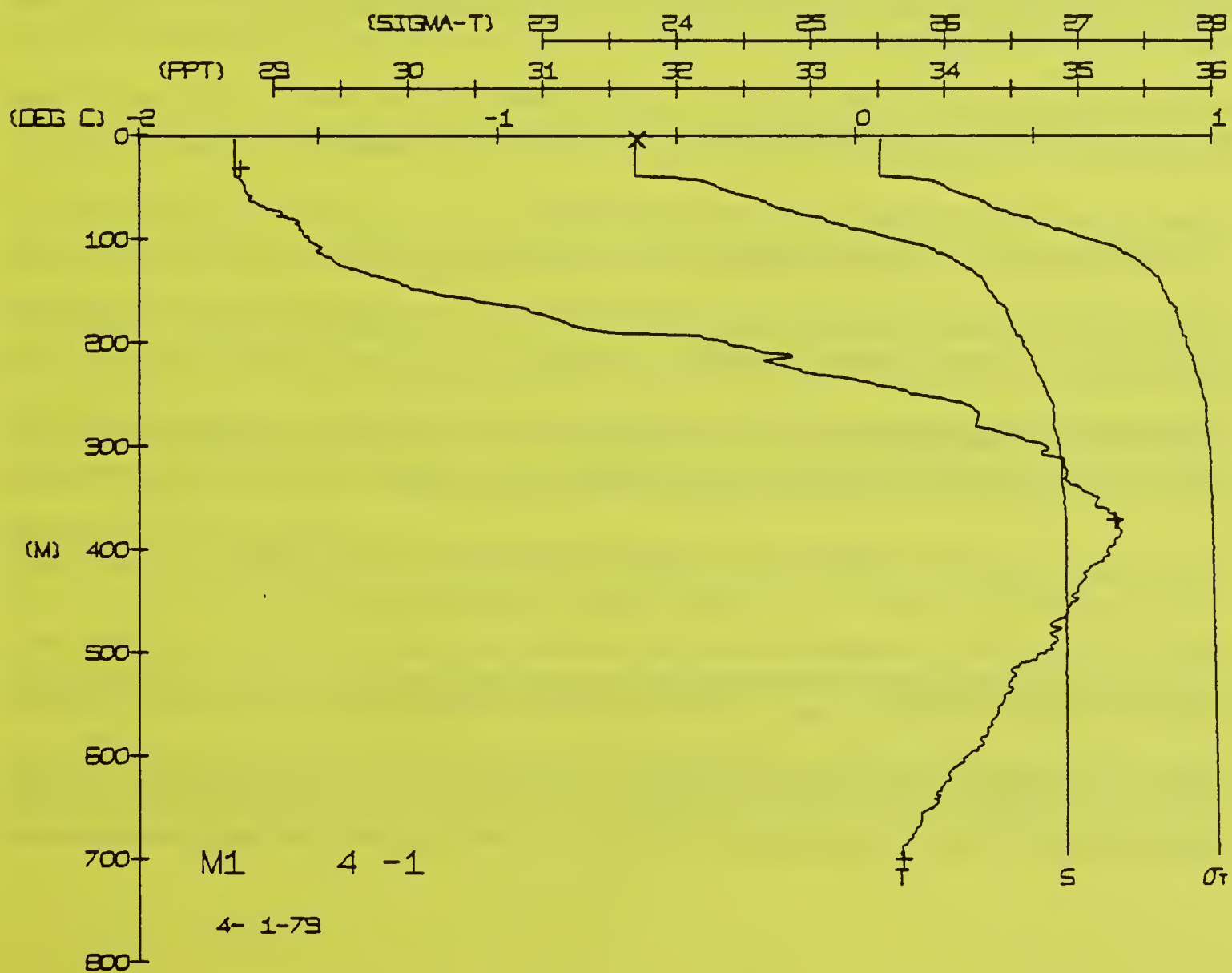
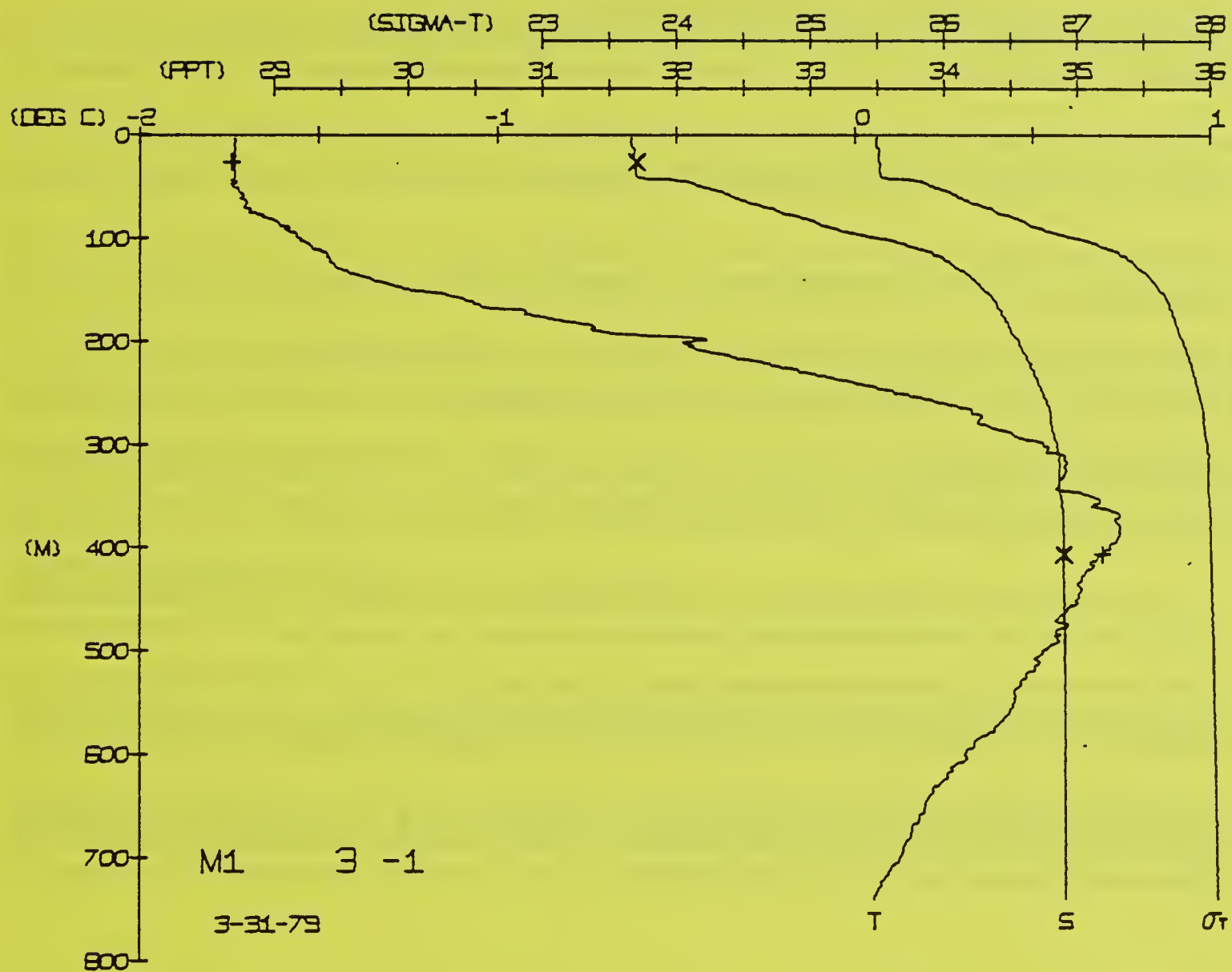
FRAM 1 STATION 4(1) CTD 1/APR/1979 1100 GMT CODE = 1  
LAT = 84.7159N LNG = 10.1657W LTER = 0. LGER = 1.  
AIR TEMP = -21.7 BAROM = 1024.6 WIND = 113.0 SPEED =

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.66	25.49	249.7	0.000	1436.4
3	-1.73	-1.73	31.66	25.49	249.7	0.008	1436.5
5	-1.73	-1.73	31.66	25.49	249.7	0.013	1436.5
10	-1.74	-1.74	31.66	25.49	249.7	0.025	1436.6
15	-1.74	-1.74	31.68	25.51	247.8	0.038	1436.7
20	-1.73	-1.74	31.68	25.51	247.8	0.050	1436.8
25	-1.73	-1.74	31.68	25.52	247.8	0.063	1436.9
30	-1.73	-1.74	31.69	25.52	247.8	0.075	1437.0
35	-1.73	-1.74	31.69	25.53	247.8	0.088	1437.1
40	-1.73	-1.74	31.69	25.53	247.8	0.100	1437.2
45	-1.74	-1.74	32.01	25.77	245.8	0.112	1437.3
50	-1.74	-1.74	32.16	25.90	245.8	0.123	1437.3
55	-1.72	-1.72	32.41	26.02	245.8	0.133	1438.3
60	-1.72	-1.72	32.52	26.10	245.8	0.143	1438.6
65	-1.70	-1.70	32.52	26.19	245.8	0.152	1438.9
70	-1.71	-1.71	32.65	26.29	245.8	0.161	1439.1
80	-1.66	-1.66	32.92	26.51	245.8	0.178	1439.9
90	-1.58	-1.59	33.48	26.68	245.8	0.192	1440.7
100	-1.56	-1.56	33.78	26.96	245.8	0.205	1441.1
110	-1.52	-1.52	33.99	27.21	245.8	0.215	1442.3
120	-1.47	-1.47	33.99	27.37	245.8	0.223	1442.9
130	-1.44	-1.45	34.10	27.46	245.8	0.229	1443.4
140	-1.36	-1.36	34.22	27.55	245.8	0.235	1444.4
150	-1.25	-1.26	34.38	27.61	245.8	0.240	1444.9
160	-1.09	-1.10	34.42	27.67	245.8	0.245	1445.9
170	-0.94	-0.94	34.46	27.70	245.8	0.249	1446.6
180	-0.84	-0.84	34.50	27.73	245.8	0.253	1447.7
190	-0.73	-0.74	34.56	27.76	245.8	0.256	1448.3
200	-0.43	-0.44	34.59	27.82	245.8	0.263	1450.1
210	-0.28	-0.28	34.63	27.84	245.8	0.266	1451.1
220	-0.16	-0.17	34.67	27.87	245.8	0.270	1452.4
230	-0.11	-0.12	34.71	27.89	245.8	0.273	1453.7
240	-0.11	-0.12	34.77	27.93	245.8	0.275	1454.4
250	-0.23	-0.23	34.79	27.94	245.8	0.276	1455.1
260	-0.34	-0.34	34.80	27.95	245.8	0.278	1455.5
270	-0.44	-0.43	34.82	27.96	245.8	0.281	1455.7
280	-0.53	-0.51	34.84	27.97	245.8	0.283	1455.6
290	-0.57	-0.57	34.86	27.98	245.8	0.284	1455.7
300	-0.57	-0.57	34.87	27.98	245.8	0.286	1455.7
310	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
320	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
330	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
340	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
350	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
360	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
370	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
380	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
390	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
400	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
410	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
420	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
430	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
440	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
450	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
460	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
470	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
480	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
490	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
500	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
510	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
520	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
530	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
540	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
550	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
560	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
570	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
580	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
590	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
600	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
610	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
620	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
630	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
640	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
650	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
660	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
670	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
680	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
690	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
700	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
710	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
720	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
730	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7
740	-0.57	-0.57	34.87	27.98	245.8	0.287	1455.7

BOT NUM = 1  
BOT NUM = 2  
26.0  
407.0

TEMP.  
-1.75  
0.69  
31.70  
34.89

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	73	73	31.69	25.51	247.8	0.008	1436.5
3	74	74	31.69	25.52	247.5	0.012	1436.5
5	73	73	31.69	25.51	247.8	0.025	1436.6
10	73	73	31.69	25.52	247.4	0.037	1436.7
15	73	73	31.69	25.51	247.5	0.050	1436.8
20	73	73	31.69	25.52	247.4	0.062	1436.9
25	74	74	31.69	25.51	247.7	0.075	1437.0
30	73	73	31.69	25.51	247.8	0.087	1437.0
35	73	73	31.81	25.61	237.7	0.099	1437.3
40	71	71	32.30	25.93	207.0	0.111	1438.3
45	71	71	32.40	26.09	192.6	0.121	1438.6
50	70	70	32.40	26.21	180.8	0.131	1438.9
55	69	69	32.55	26.30	172.3	0.140	1439.1
60	68	68	32.66	26.43	166.6	0.149	1439.4
65	65	65	33.06	26.81	144.4	0.158	1440.4
70	56	56	33.61	27.06	124.4	0.173	1441.1
80	53	53	33.91	27.30	77.7	0.187	1441.8
90	50	50	34.20	27.43	65.4	0.198	1442.3
100	46	46	34.39	27.54	48.4	0.207	1443.1
110	40	40	34.47	27.64	41.3	0.214	1443.7
120	30	30	34.77	27.93	18.4	0.220	1444.3
130	15	15	34.81	27.96	16.1	0.225	1444.4
140	13	13	34.74	27.93	19.7	0.230	1444.5
150	14	14	34.67	27.89	22.2	0.234	1444.6
160	15	15	34.77	27.93	18.4	0.238	1444.7
170	15	15	34.88	28.00	12.7	0.242	1444.7
180	15	15	34.88	28.01	7.3	0.245	1444.8
190	15	15	34.87	27.99	5.0	0.248	1445.0
200	15	15	34.86	27.99	13.5	0.251	1445.1
210	15	15	34.84	27.97	14.1	0.254	1445.1
220	15	15	34.82	27.96	16.1	0.256	1445.2
230	15	15	34.81	27.96	15.7	0.258	1445.3
240	15	15	34.77	27.93	18.4	0.260	1445.4
250	15	15	34.74	27.93	19.7	0.262	1445.4
260	15	15	34.74	27.93	16.1	0.265	1445.5
270	15	15	34.66	28.01	7.3	0.267	1445.5
280	15	15	34.66	28.01	11.1	0.269	1445.6
290	15	15	34.66	28.01	11.1	0.271	1445.6
300	15	15	34.66	28.01	11.1	0.272	1445.7
310	15	15	34.66	28.01	11.1	0.273	1445.7
320	15	15	34.66	28.01	11.1	0.274	1445.7
330	15	15	34.66	28.01	11.1	0.277	1445.8
340	15	15	34.66	28.01	11.1	0.279	1445.8
350	15	15	34.66	28.01	11.1	0.281	1445.9
360	15	15	34.66	28.01	11.1	0.283	1445.9
370	15	15	34.66	28.01	11.1	0.285	1445.9
380	15	15	34.66	28.01	11.1	0.287	1445.9
390	15	15	34.66	28.01	11.1	0.288	1445.9
400	15	15	34.66	28.01	11.1	0.289	1445.9
410	15	15	34.66	28.01	11.1	0.291	1445.9
420	15	15	34.66	28.01	11.1	0.293	1445.9
430	15	15	34.66	28.01	11.1	0.295	1445.9
440	15	15	34.66	28.01	11.1	0.297	1445.9
450	15	15	34.66	28.01	11.1	0.299	1445.9
460	15	15	34.66	28.01	11.1	0.300	1446.0
470	15	15	34.66	28.01	11.1	0.302	1446.0
480	15	15	34.66	28.01	11.1	0.303	1446.0
490	15	15	34.66	28.01	11.1	0.305	1446.1
500	15	15	34.66	28.01	11.1	0.306	1446.1





FRAM 1 STATION 5(1) CTD 1/APR/1979 1707 GMT CODE = 1  
LAT = 84.7276N LNG = 10.2235W LTER = 10. LGER = 29.  
AIR TEMP = -21.7 BAROM = 1019.8 WIND = 113.0 SPEED =

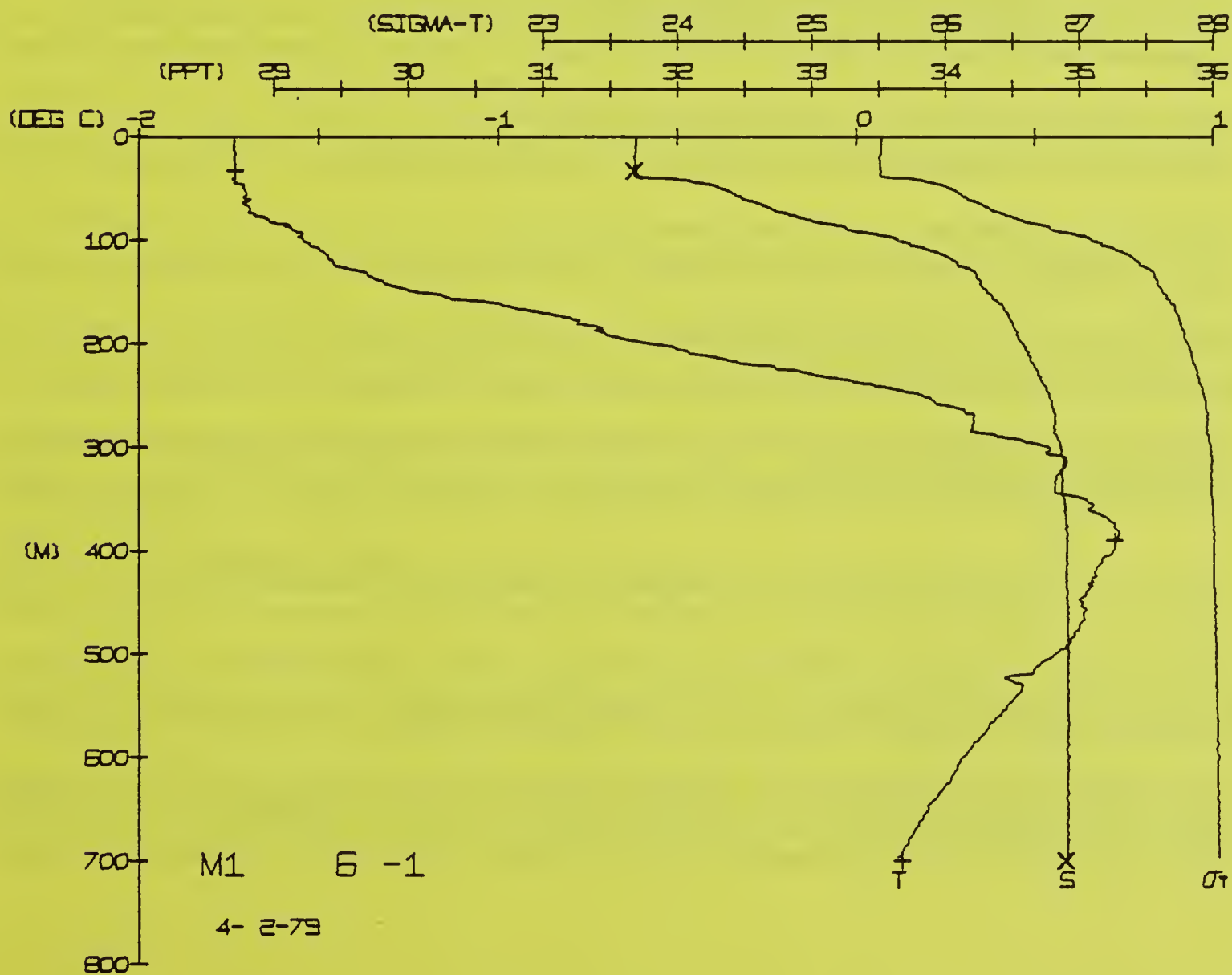
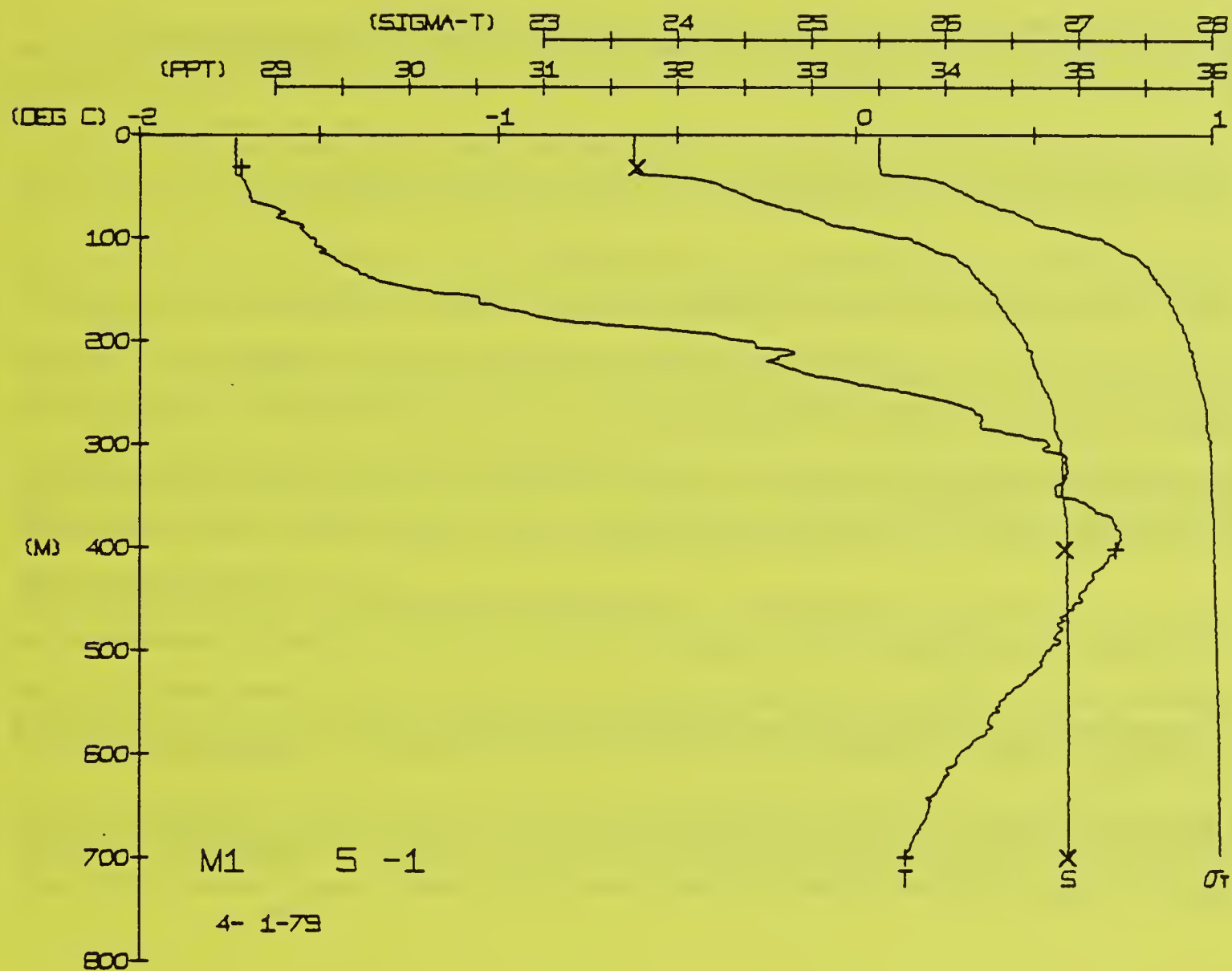
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.76	25.57	242.4	0.000	1436.6
3	-1.73	-1.73	31.76	25.57	242.4	0.007	1436.6
5	-1.73	-1.73	31.68	25.50	248.7	0.012	1436.5
10	-1.73	-1.73	31.67	25.50	248.8	0.025	1436.6
15	-1.73	-1.73	31.67	25.50	248.8	0.037	1436.7
20	-1.73	-1.73	31.67	25.50	248.7	0.050	1436.8
25	-1.73	-1.73	31.67	25.50	248.6	0.062	1436.9
30	-1.73	-1.73	31.67	25.50	248.5	0.075	1436.9
35	-1.73	-1.73	31.67	25.50	248.4	0.087	1436.9
40	-1.73	-1.73	31.67	25.50	248.3	0.100	1437.0
45	-1.73	-1.73	31.67	25.50	248.2	0.111	1437.0
50	-1.73	-1.73	31.67	25.50	248.1	0.121	1438.0
55	-1.70	-1.70	32.42	26.03	198.5	0.131	1438.6
60	-1.70	-1.70	32.42	26.11	184.4	0.141	1438.8
65	-1.69	-1.69	32.51	26.18	176.8	0.150	1439.0
70	-1.69	-1.69	32.73	26.35	167.4	0.158	1439.5
80	-1.61	-1.61	33.00	26.57	146.7	0.174	1440.0
90	-1.55	-1.55	33.21	26.74	130.5	0.188	1441.0
100	-1.53	-1.53	33.67	27.07	79.9	0.209	1442.1
110	-1.50	-1.50	33.87	27.28	64.9	0.216	1443.1
120	-1.46	-1.47	34.07	27.43	57.0	0.222	1443.6
130	-1.41	-1.41	34.17	27.52	52.6	0.228	1444.0
140	-1.36	-1.37	34.23	27.56	46.4	0.233	1444.5
150	-1.24	-1.25	34.38	27.63	42.0	0.241	1445.1
160	-1.06	-1.06	34.42	27.71	39.2	0.245	1445.4
170	-0.98	-0.99	34.48	27.74	35.6	0.249	1445.9
180	-0.85	-0.85	34.54	27.78	32.3	0.252	1445.1
190	-0.52	-0.53	34.59	27.81	29.5	0.255	1445.1
200	-0.33	-0.33	34.63	27.84	27.2	0.257	1445.1
210	-0.25	-0.25	34.65	27.86	25.3	0.260	1445.2
220	-0.16	-0.17	34.68	27.88	23.4	0.262	1445.3
230	-0.03	-0.04	34.72	27.90	21.4	0.264	1445.4
240	0.12	0.11	34.79	27.92	19.4	0.266	1445.4
250	0.26	0.25	34.81	27.95	17.7	0.268	1445.4
260	0.33	0.32	34.81	27.96	16.3	0.269	1445.4
270	0.42	0.41	34.83	27.97	15.3	0.271	1445.5
280	0.54	0.52	34.86	27.98	13.9	0.272	1445.6
290	0.59	0.57	34.87	27.99	13.3	0.274	1445.6
300	0.59	0.57	34.87	27.99	13.3	0.275	1445.7
310	0.56	0.55	34.87	27.99	13.3	0.276	1445.7
320	0.56	0.55	34.87	27.99	13.3	0.277	1445.7
330	0.56	0.55	34.87	27.99	13.3	0.278	1445.7
340	0.56	0.55	34.87	27.99	13.3	0.279	1445.7
350	0.56	0.55	34.87	27.99	13.3	0.280	1445.8
360	0.71	0.69	34.90	28.00	12.8	0.282	1445.8
370	0.74	0.72	34.91	28.01	11.4	0.284	1445.8
380	0.71	0.69	34.91	28.01	11.4	0.286	1445.9
390	0.66	0.64	34.91	28.01	11.4	0.289	1445.9
400	0.66	0.64	34.91	28.01	11.4	0.291	1445.9
410	0.58	0.56	34.91	28.02	10.5	0.293	1445.9
420	0.56	0.54	34.91	28.03	10.0	0.295	1445.9
430	0.52	0.49	34.91	28.03	9.9	0.297	1445.9
440	0.47	0.45	34.92	28.04	9.9	0.299	1446.0
450	0.40	0.38	34.92	28.04	9.9	0.301	1446.0
460	0.37	0.34	34.91	28.04	9.9	0.303	1446.0
470	0.32	0.30	34.92	28.04	9.9	0.305	1446.0
480	0.27	0.25	34.92	28.05	9.9	0.306	1446.0
490	0.23	0.21	34.91	28.05	9.9	0.308	1446.0
500	0.18	0.15	34.92	28.05	9.9	0.310	1446.1
510	0.15	0.12	34.92	28.05	9.9	0.311	1446.1
520	0.15	0.12	34.92	28.05	9.9	0.313	1446.1

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
32.1  
402.2  
700.6  
-1.72  
0.73  
0.14  
31.69  
34.89  
34.90

FRAM 1 STATION 6(1) CTD 2/APR/1979 740 GMT CODE = 1  
LAT = 84.7410N LNG = 10.2326W LTER = 99. LGER = 120.  
AIR TEMP = -28.5 BAROM = 1018.5 WIND = 192.0 SPEED = 2.4

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.70	25.52	246.9	0.000	1436.5
3	-1.74	-1.74	31.70	25.52	246.9	0.008	1436.5
5	-1.73	-1.73	31.69	25.52	247.2	0.012	1436.6
10	-1.73	-1.73	31.68	25.51	247.4	0.025	1436.6
15	-1.73	-1.73	31.68	25.51	247.4	0.037	1436.7
20	-1.73	-1.73	31.68	25.51	247.7	0.050	1436.8
25	-1.73	-1.73	31.69	25.51	247.5	0.062	1436.9
30	-1.73	-1.73	31.69	25.51	247.6	0.075	1437.0
35	-1.74	-1.74	31.69	25.51	247.5	0.087	1437.0
40	-1.74	-1.74	31.69	25.51	247.5	0.099	1437.3
45	-1.74	-1.74	31.69	25.51	247.5	0.111	1437.3
50	-1.71	-1.71	32.31	26.02	199.5	0.121	1438.3
55	-1.70	-1.70	32.41	26.10	186.0	0.131	1438.5
60	-1.71	-1.71	32.48	26.15	177.0	0.141	1438.7
65	-1.69	-1.69	32.69	26.33	170.0	0.150	1439.2
70	-1.65	-1.65	32.94	26.53	150.9	0.158	1439.9
80	-1.55	-1.55	33.27	26.79	125.8	0.175	1440.0
90	-1.50	-1.50	33.85	27.09	80.4	0.189	1441.0
100	-1.50	-1.50	33.85	27.09	80.4	0.209	1441.0
110	-1.47	-1.47	34.05	27.27	65.0	0.216	1442.1
120	-1.39	-1.39	34.21	27.42	54.3	0.222	1443.1
130	-1.32	-1.33	34.26	27.55	50.0	0.228	1443.8
140	-1.24	-1.25	34.38	27.62	47.0	0.232	1444.4
150	-1.05	-1.05	34.45	27.73	42.3	0.237	1444.6
160	-0.89	-0.89	34.50	27.76	37.3	0.241	1444.7
170	-0.78	-0.78	34.50	27.78	34.0	0.245	1444.7
180	-0.70	-0.70	34.53	27.78	31.9	0.248	1444.8
190	-0.58	-0.59	34.58	27.81	29.2	0.251	1444.9
200	-0.46	-0.47	34.61	27.84	27.2	0.254	1445.0
210	-0.31	-0.32	34.65	27.87	24.3	0.256	1445.0
220	-0.13	-0.13	34.69	27.88	22.2	0.259	1445.2
230	0.03	0.03	34.73	27.91	20.5	0.261	1445.3
240	0.18	0.17	34.77	27.93	18.4	0.263	1445.3
250	0.24	0.23	34.80	27.95	16.4	0.266	1445.4
260	0.33	0.32	34.81	27.97	15.4	0.268	1445.4
270	0.39	0.38	34.83	27.99	13.7	0.270	1445.5
280	0.54	0.52	34.86	27.99	12.7	0.271	1445.5
290	0.58	0.57	34.87	27.99	12.7	0.272	1445.6
300	0.58	0.57	34.87	27.99	12.7	0.274	1445.6
310	0.56	0.55	34.87	27.99	12.7	0.275	1445.7
320	0.56	0.55	34.87	27.99	12.7	0.276	1445.7
330	0.56	0.55	34.87	27.99	12.7	0.277	1445.7
340	0.56	0.55	34.87	27.99	12.7	0.278	1445.7
350	0.71	0.69	34.90	28.00	12.7	0.280	1445.8
360	0.73	0.71	34.91	28.01	11.3	0.283	1445.8
370	0.69	0.67	34.91	28.01	11.3	0.285	1445.9
380	0.66	0.65	34.91	28.01	11.3	0.287	1445.9
390	0.63	0.61	34.91	28.02	10.7	0.289	1445.9
400	0.63	0.61	34.91	28.02	10.7	0.291	1445.9
410	0.60	0.57	34.93	28.03	9.9	0.293	1445.9
420	0.52	0.50	34.92	28.03	9.9	0.295	1445.9
430	0.46	0.44	34.92	28.04	9.9	0.297	1446.0
440	0.42	0.40	34.92	28.04	9.9	0.299	1446.0
450	0.37	0.35	34.92	28.04	9.9	0.301	1446.0
460	0.33	0.30	34.92	28.05	9.9	0.303	1446.0
470	0.28	0.26	34.92	28.05	9.9	0.304	1446.0
480	0.24	0.22	34.92	28.05	9.9	0.306	1446.0
490	0.17	0.14	34.92	28.05	9.9	0.307	1446.0
500	0.13	0.10	34.92	28.05	9.9	0.309	1446.1

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
33.0  
390.3  
700.4  
-1.74  
0.73  
0.13  
31.67  
34.90





FRAM 1 STATION 7(1) CTD 2/APR/1979 1807 GMT CODE = 1  
LAT = 84.7235N LNG = 10.1539W LTER = 1. LGER = 2.  
AIR TEMP = -28.5 BAROM = 1021.1 WIND = 192.0 SPEED = 2.4

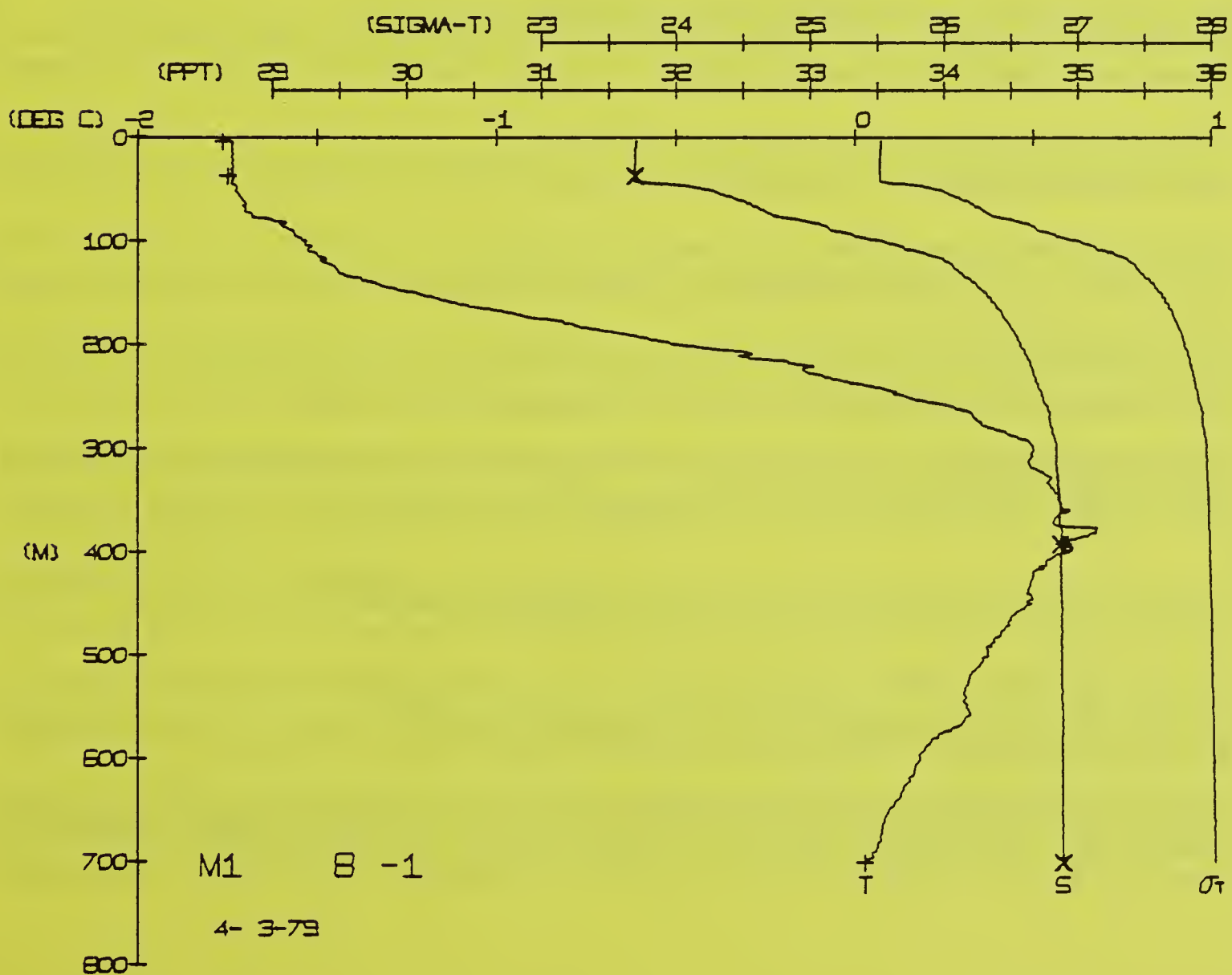
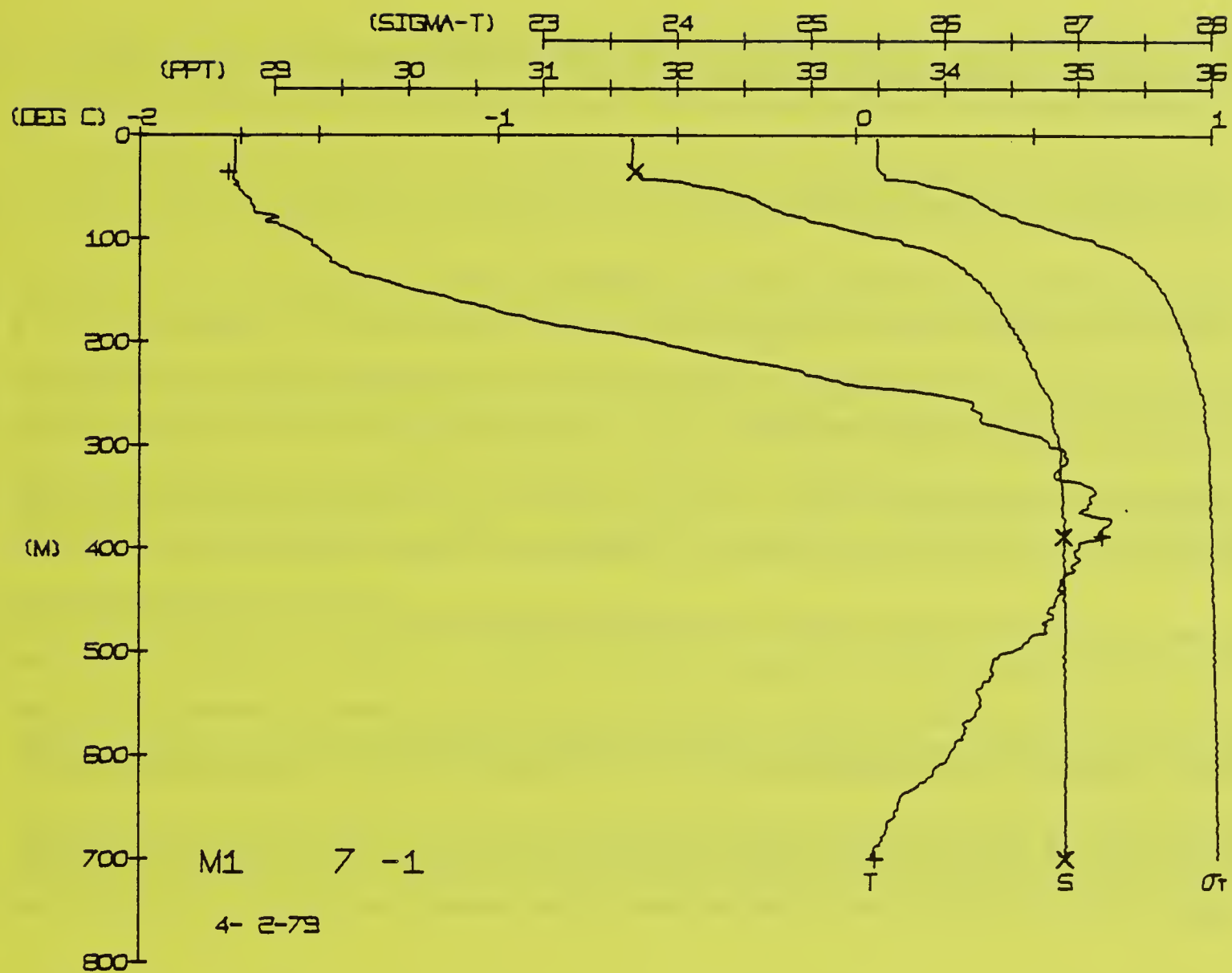
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.67	25.50	249.0	0.000	1436.4
0	-1.74	-1.74	31.67	25.50	249.0	0.008	1436.5
3	-1.74	-1.74	31.66	25.49	249.6	0.013	1436.5
5	-1.74	-1.74	31.66	25.49	249.6	0.025	1436.6
10	-1.74	-1.74	31.66	25.49	249.5	0.038	1436.7
15	-1.73	-1.73	31.66	25.49	249.3	0.050	1436.8
20	-1.73	-1.73	31.66	25.49	249.7	0.063	1436.8
25	-1.74	-1.74	31.66	25.49	249.7	0.075	1436.9
30	-1.74	-1.74	31.66	25.49	249.7	0.088	1437.0
35	-1.74	-1.74	31.69	25.51	247.5	0.100	1437.0
40	-1.74	-1.74	31.73	25.54	244.5	0.112	1437.6
45	-1.73	-1.73	31.74	25.54	244.5	0.123	1438.0
50	-1.73	-1.73	32.16	25.89	221.2	0.133	1438.4
55	-1.72	-1.72	32.37	26.07	194.7	0.143	1438.8
60	-1.70	-1.70	32.53	26.19	182.6	0.152	1439.0
65	-1.69	-1.69	32.61	26.32	176.0	0.161	1439.3
70	-1.68	-1.68	32.68	26.50	170.0	0.177	1440.1
80	-1.61	-1.61	32.91	26.74	153.0	0.191	1440.8
90	-1.59	-1.59	33.21	26.74	130.0	0.203	1441.7
100	-1.54	-1.54	33.56	27.03	103.4	0.213	1442.4
110	-1.50	-1.50	33.83	27.25	82.7	0.227	1443.0
120	-1.47	-1.47	34.02	27.40	68.5	0.237	1443.6
130	-1.42	-1.42	34.15	27.50	58.9	0.242	1444.4
140	-1.34	-1.34	34.23	27.56	52.2	0.253	1444.9
150	-1.24	-1.25	34.30	27.61	42.7	0.262	1445.5
160	-1.12	-1.13	34.42	27.70	39.4	0.276	1446.6
170	-1.01	-1.01	34.46	27.74	36.4	0.284	1447.7
180	-0.90	-0.90	34.52	27.77	33.3	0.287	1448.8
190	-0.74	-0.74	34.55	27.79	31.0	0.297	1449.3
200	-0.57	-0.58	34.55	27.83	27.6	0.304	1450.0
210	-0.45	-0.46	34.64	27.85	26.0	0.312	1450.7
220	-0.29	-0.30	34.64	27.88	23.2	0.317	1460.4
230	-0.15	-0.16	34.68	27.89	22.0	0.319	1460.7
240	-0.04	-0.05	34.71	27.89	22.2	0.320	1460.7
250	0.19	0.18	34.75	27.92	19.7	0.323	1460.7
260	0.33	0.32	34.80	27.95	17.7	0.327	1460.7
270	0.35	0.34	34.81	27.95	16.5	0.329	1460.7
280	0.36	0.35	34.83	27.97	15.4	0.331	1460.7
290	0.48	0.47	34.87	27.99	14.7	0.334	1460.7
300	0.54	0.53	34.85	27.99	14.4	0.336	1460.7
310	0.59	0.57	34.87	27.99	14.3	0.338	1460.7
320	0.58	0.57	34.87	27.99	14.3	0.340	1460.7
330	0.56	0.54	34.86	27.99	14.3	0.342	1460.7
340	0.65	0.63	34.88	27.99	14.3	0.344	1460.7
350	0.66	0.64	34.88	27.99	14.3	0.346	1460.7
360	0.67	0.67	34.88	27.99	14.3	0.348	1460.7
370	0.69	0.67	34.89	27.99	14.3	0.350	1460.7
380	0.62	0.61	34.89	27.99	14.3	0.352	1460.7
390	0.62	0.61	34.89	27.99	14.3	0.354	1460.7
400	0.58	0.56	34.89	27.99	14.3	0.356	1460.7
410	0.56	0.54	34.89	27.99	14.3	0.358	1460.7
420	0.54	0.52	34.89	27.99	14.3	0.360	1460.7
430	0.54	0.52	34.89	27.99	14.3	0.362	1460.7
440	0.48	0.46	34.90	27.99	14.3	0.364	1460.7
450	0.48	0.46	34.90	27.99	14.3	0.366	1460.7
460	0.39	0.36	34.90	27.99	14.3	0.368	1460.7
470	0.36	0.34	34.90	27.99	14.3	0.370	1460.7
480	0.35	0.32	34.90	27.99	14.3	0.372	1460.7
490	0.30	0.27	34.90	27.99	14.3	0.374	1460.7
500	0.28	0.25	34.91	27.99	14.3	0.376	1460.7
510	0.23	0.21	34.91	27.99	14.3	0.378	1460.7
520	0.17	0.14	34.90	27.99	14.3	0.380	1460.7
530	0.12	0.09	34.90	27.99	14.3	0.382	1460.7
540	0.08	0.06	34.90	27.99	14.3	0.384	1460.7
550	0.05	0.02	34.90	27.99	14.3	0.386	1460.7

BOT NUM = 1 0.5  
BOT NUM = 2 35.6  
BOT NUM = 3 388.4  
BOT NUM = 4 700.4  
TEMP. -1.72  
SALIN 31.68  
34.89  
34.90

FRAM 1 STATION 8(1) CTD 3/APR/1979 1707 GMT CODE = 1  
LAT = 84.6746N LNG = 9.6833W LTER = 36. LGER = 63.  
AIR TEMP = -27.0 BAROM = 1028.6 WIND = 261.0 SPEED = 5.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.71	25.53	246.2	0.000	1436.5
3	-1.74	-1.74	31.71	25.53	246.5	0.008	1436.6
5	-1.74	-1.74	31.70	25.53	246.5	0.012	1436.6
10	-1.74	-1.74	31.70	25.52	246.7	0.025	1436.7
15	-1.74	-1.74	31.70	25.52	246.9	0.037	1436.8
20	-1.74	-1.74	31.70	25.52	246.9	0.050	1436.8
25	-1.74	-1.74	31.70	25.52	246.8	0.062	1436.9
30	-1.74	-1.74	31.70	25.52	246.7	0.075	1437.0
35	-1.74	-1.74	31.69	25.52	246.5	0.087	1437.0
40	-1.73	-1.73	31.88	25.52	246.5	0.099	1437.1
45	-1.74	-1.74	32.19	25.92	208.8	0.111	1437.5
50	-1.72	-1.72	32.33	26.03	197.7	0.123	1438.0
55	-1.71	-1.71	32.46	26.13	188.0	0.133	1438.4
60	-1.70	-1.70	32.55	26.21	180.0	0.143	1438.8
65	-1.70	-1.70	32.64	26.28	174.0	0.152	1439.1
70	-1.63	-1.63	32.90	26.50	153.0	0.161	1440.0
80	-1.57	-1.57	33.16	26.70	134.0	0.177	1440.8
90	-1.53	-1.53	33.52	26.99	107.0	0.192	1441.7
100	-1.52	-1.52	33.78	27.20	85.6	0.204	1442.4
110	-1.49	-1.49	34.01	27.39	69.1	0.214	1442.9
120	-1.44	-1.44	34.11	27.47	61.4	0.222	1443.6
130	-1.35	-1.35	34.22	27.56	53.7	0.234	1444.4
140	-1.23	-1.23	34.37	27.62	42.7	0.239	1445.5
150	-1.12	-1.12	34.43	27.71	38.5	0.248	1446.6
160	-1.09	-1.09	34.48	27.75	35.2	0.251	1447.7
170	-0.96	-0.96	34.54	27.78	32.1	0.255	1448.8
180	-0.85	-0.85	34.57	27.80	30.0	0.258	1449.3
190	-0.65	-0.65	34.57	27.83	27.6	0.261	1450.0
200	-0.50	-0.51	34.62	27.85	25.8	0.264	1451.1
210	-0.29	-0.30	34.65	27.87	24.0	0.266	1452.2
220	-0.15	-0.15	34.68	27.89	22.2	0.269	1453.3
230	0.03	0.02	34.70	27.91	20.0	0.271	1454.4
240	0.14	0.13	34.74	27.93	18.7	0.273	1455.5
250	0.26	0.25	34.77	27.94	17.7	0.276	1456.6
260	0.37	0.36	34.81	27.95	16.5	0.278	1457.7
270	0.46	0.44	34.83	27.96	15.4	0.281	1458.8
280	0.50	0.49	34.84	27.97	14.8	0.284	1459.9
290	0.55	0.54	34.85	27.97	14.4	0.287	1460.7
300	0.56	0.54	34.86	27.98	14.3	0.289	1460.7
310	0.57	0.54	34.87	27.99	14.3	0.292	1460.7
320	0.54	0.52	34.88	27.99	14.3	0.295	1460.7
330	0.54	0.52	34.88	27.99	14.3	0.297	1460.7
340	0.49	0.47	34.89	27.99	14.3	0.300	1460.7
350	0.49	0.47	34.89	27.99	14.3	0.302	1460.7
360	0.43	0.41	34.89	27.99	14.3	0.304	1460.7
370	0.38	0.36	34.89	27.99	14.3	0.306	1460.7
380	0.35	0.33	34.89	27.99	14.3	0.308	1460.7
390	0.31	0.29	34.89	27.99	14.3	0.311	1460.7
400	0.29	0.26	34.89	27.99	14.3	0.313	1460.7
410	0.20	0.17	34.89	27.99	14.3	0.314	1460.7
420	0.17	0.14	34.89	27.99	14.3	0.316	1460.7
430	0.14	0.11	34.89	27.99	14.3	0.318	1460.7
440	0.10	0.07	34.89	27.99	14.3	0.320	1460.7
450	0.06	0.03	34.89	27.99	14.3	0.322	1460.7
460	0.06	0.03	34.89	27.99	14.3	0.323	1460.7

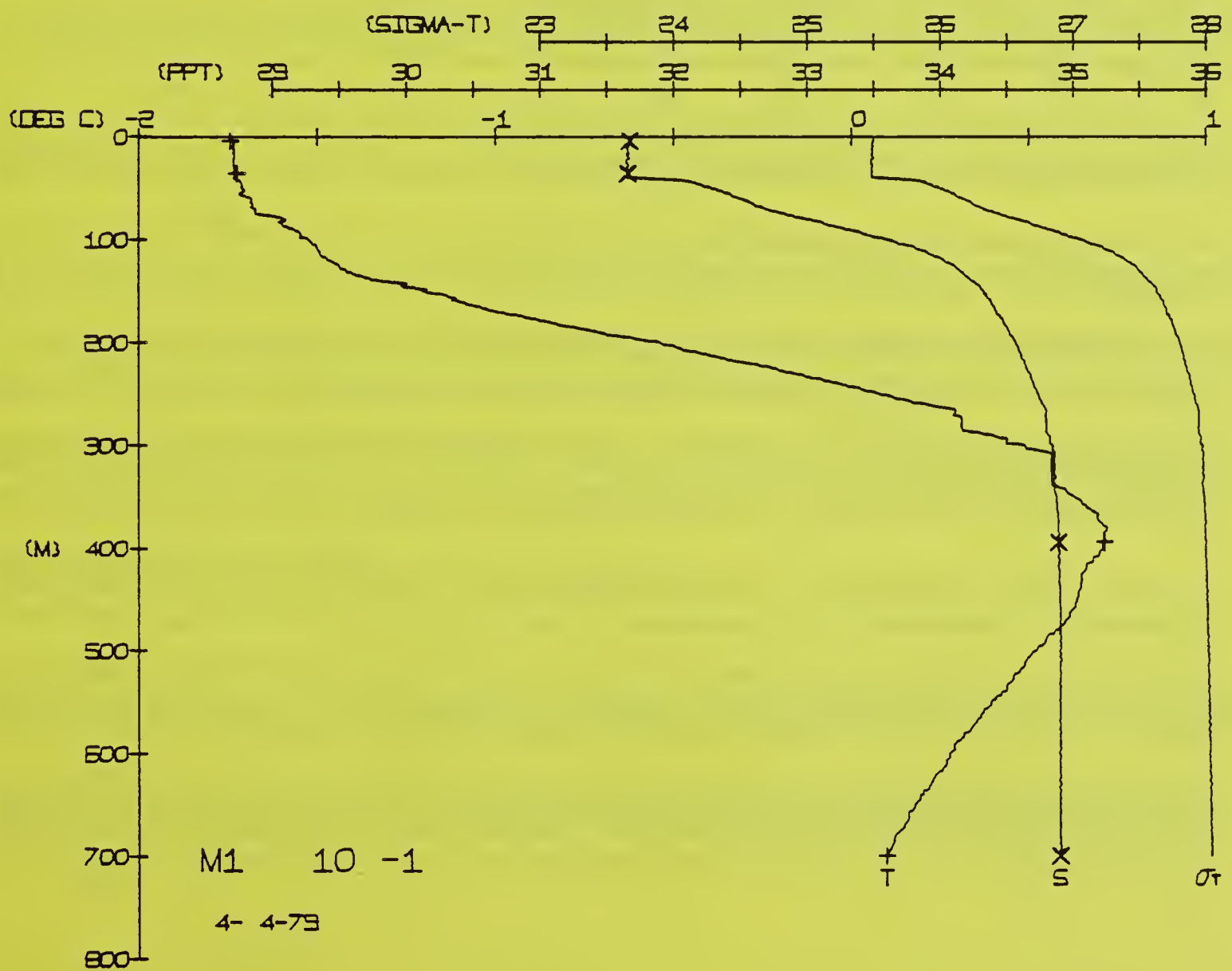
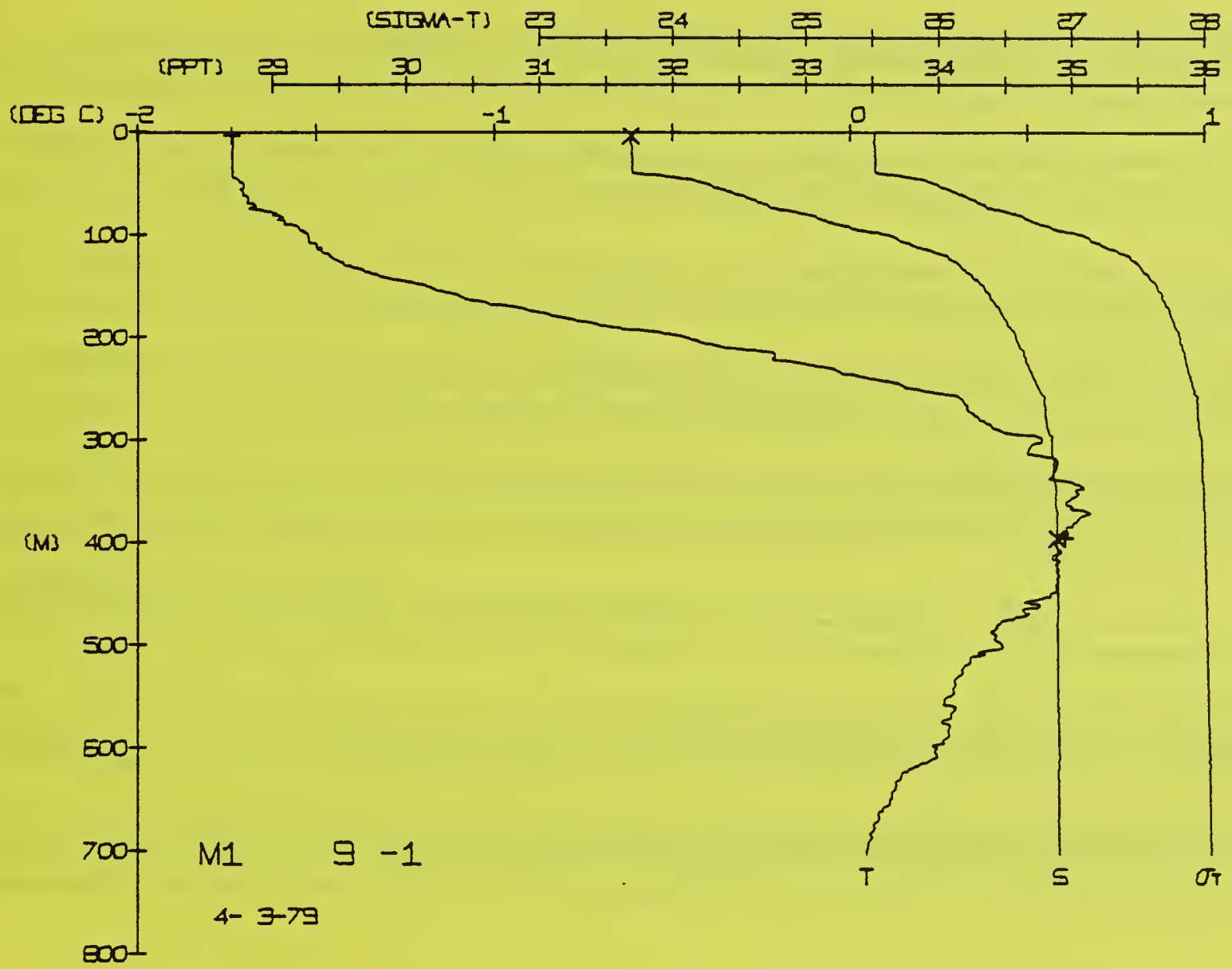
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BOT NUM = 2 36.9  
BOT NUM = 3 392.6  
BOT NUM = 4 701.5  
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SALIN 31.69  
34.87  
34.90





FRAM 1 STATION 9(1) CTD 3/APR/1979 1835 GMT CODE = 1  
LAT = 84.6716N LNG = 9.6581W LTER = 0. LGER = 0.  
AIR TEMP = -27.0 BAROM = 1035.4 WIND = 261.0 SPEED = 5.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.69	25.52	247.4	0.000	1436.5
0.1	-1.74	-1.74	31.69	25.51	247.4	0.008	1436.5
0.2	-1.73	-1.73	31.69	25.51	247.8	0.012	1436.5
0.3	-1.73	-1.73	31.69	25.51	247.8	0.025	1436.6
0.4	-1.74	-1.74	31.69	25.52	247.3	0.037	1436.7
0.5	-1.74	-1.74	31.69	25.52	247.3	0.050	1436.8
0.6	-1.74	-1.74	31.69	25.52	247.3	0.062	1436.9
0.7	-1.74	-1.74	31.69	25.52	247.3	0.075	1437.0
0.8	-1.74	-1.74	31.69	25.52	247.3	0.087	1437.0
0.9	-1.74	-1.74	31.69	25.52	247.3	0.100	1437.1
1.0	-1.74	-1.74	31.69	25.52	247.3	0.112	1437.2
1.1	-1.74	-1.74	31.69	25.52	247.3	0.125	1437.3
1.2	-1.74	-1.74	31.69	25.52	247.3	0.137	1437.4
1.3	-1.74	-1.74	31.69	25.52	247.3	0.150	1437.5
1.4	-1.74	-1.74	31.69	25.52	247.3	0.162	1437.6
1.5	-1.74	-1.74	31.69	25.52	247.3	0.175	1437.7
1.6	-1.74	-1.74	31.69	25.52	247.3	0.187	1437.8
1.7	-1.74	-1.74	31.69	25.52	247.3	0.200	1437.9
1.8	-1.74	-1.74	31.69	25.52	247.3	0.212	1438.0
1.9	-1.74	-1.74	31.69	25.52	247.3	0.225	1438.1
2.0	-1.74	-1.74	31.69	25.52	247.3	0.237	1438.2
2.1	-1.74	-1.74	31.69	25.52	247.3	0.250	1438.3
2.2	-1.74	-1.74	31.69	25.52	247.3	0.262	1438.4
2.3	-1.74	-1.74	31.69	25.52	247.3	0.275	1438.5
2.4	-1.74	-1.74	31.69	25.52	247.3	0.287	1438.6
2.5	-1.74	-1.74	31.69	25.52	247.3	0.300	1438.7
2.6	-1.74	-1.74	31.69	25.52	247.3	0.312	1438.8
2.7	-1.74	-1.74	31.69	25.52	247.3	0.325	1438.9
2.8	-1.74	-1.74	31.69	25.52	247.3	0.337	1439.0
2.9	-1.74	-1.74	31.69	25.52	247.3	0.350	1439.1
3.0	-1.74	-1.74	31.69	25.52	247.3	0.362	1439.2
3.1	-1.74	-1.74	31.69	25.52	247.3	0.375	1439.3
3.2	-1.74	-1.74	31.69	25.52	247.3	0.387	1439.4
3.3	-1.74	-1.74	31.69	25.52	247.3	0.400	1439.5
3.4	-1.74	-1.74	31.69	25.52	247.3	0.412	1439.6
3.5	-1.74	-1.74	31.69	25.52	247.3	0.425	1439.7
3.6	-1.74	-1.74	31.69	25.52	247.3	0.437	1439.8
3.7	-1.74	-1.74	31.69	25.52	247.3	0.450	1439.9
3.8	-1.74	-1.74	31.69	25.52	247.3	0.462	1440.0
3.9	-1.74	-1.74	31.69	25.52	247.3	0.475	1440.1
4.0	-1.74	-1.74	31.69	25.52	247.3	0.487	1440.2
4.1	-1.74	-1.74	31.69	25.52	247.3	0.500	1440.3
4.2	-1.74	-1.74	31.69	25.52	247.3	0.512	1440.4
4.3	-1.74	-1.74	31.69	25.52	247.3	0.525	1440.5
4.4	-1.74	-1.74	31.69	25.52	247.3	0.537	1440.6
4.5	-1.74	-1.74	31.69	25.52	247.3	0.550	1440.7
4.6	-1.74	-1.74	31.69	25.52	247.3	0.562	1440.8
4.7	-1.74	-1.74	31.69	25.52	247.3	0.575	1440.9
4.8	-1.74	-1.74	31.69	25.52	247.3	0.587	1441.0
4.9	-1.74	-1.74	31.69	25.52	247.3	0.600	1441.1
5.0	-1.74	-1.74	31.69	25.52	247.3	0.612	1441.2
5.1	-1.74	-1.74	31.69	25.52	247.3	0.625	1441.3
5.2	-1.74	-1.74	31.69	25.52	247.3	0.637	1441.4
5.3	-1.74	-1.74	31.69	25.52	247.3	0.650	1441.5
5.4	-1.74	-1.74	31.69	25.52	247.3	0.662	1441.6
5.5	-1.74	-1.74	31.69	25.52	247.3	0.675	1441.7
5.6	-1.74	-1.74	31.69	25.52	247.3	0.687	1441.8
5.7	-1.74	-1.74	31.69	25.52	247.3	0.700	1441.9
5.8	-1.74	-1.74	31.69	25.52	247.3	0.712	1442.0
5.9	-1.74	-1.74	31.69	25.52	247.3	0.725	1442.1
6.0	-1.74	-1.74	31.69	25.52	247.3	0.737	1442.2
6.1	-1.74	-1.74	31.69	25.52	247.3	0.750	1442.3
6.2	-1.74	-1.74	31.69	25.52	247.3	0.762	1442.4
6.3	-1.74	-1.74	31.69	25.52	247.3	0.775	1442.5
6.4	-1.74	-1.74	31.69	25.52	247.3	0.787	1442.6
6.5	-1.74	-1.74	31.69	25.52	247.3	0.800	1442.7
6.6	-1.74	-1.74	31.69	25.52	247.3	0.812	1442.8
6.7	-1.74	-1.74	31.69	25.52	247.3	0.825	1442.9
6.8	-1.74	-1.74	31.69	25.52	247.3	0.837	1443.0
6.9	-1.74	-1.74	31.69	25.52	247.3	0.850	1443.1
7.0	-1.74	-1.74	31.69	25.52	247.3	0.862	1443.2
7.1	-1.74	-1.74	31.69	25.52	247.3	0.875	1443.3
7.2	-1.74	-1.74	31.69	25.52	247.3	0.887	1443.4
7.3	-1.74	-1.74	31.69	25.52	247.3	0.900	1443.5
7.4	-1.74	-1.74	31.69	25.52	247.3	0.912	1443.6
7.5	-1.74	-1.74	31.69	25.52	247.3	0.925	1443.7
7.6	-1.74	-1.74	31.69	25.52	247.3	0.937	1443.8
7.7	-1.74	-1.74	31.69	25.52	247.3	0.950	1443.9
7.8	-1.74	-1.74	31.69	25.52	247.3	0.962	1444.0
7.9	-1.74	-1.74	31.69	25.52	247.3	0.975	1444.1
8.0	-1.74	-1.74	31.69	25.52	247.3	0.987	1444.2
8.1	-1.74	-1.74	31.69	25.52	247.3	1.000	1444.3
8.2	-1.74	-1.74	31.69	25.52	247.3	1.012	1444.4
8.3	-1.74	-1.74	31.69	25.52	247.3	1.025	1444.5
8.4	-1.74	-1.74	31.69	25.52	247.3	1.037	1444.6
8.5	-1.74	-1.74	31.69	25.52	247.3	1.050	1444.7
8.6	-1.74	-1.74	31.69	25.52	247.3	1.062	1444.8
8.7	-1.74	-1.74	31.69	25.52	247.3	1.075	1444.9
8.8	-1.74	-1.74	31.69	25.52	247.3	1.087	1445.0
8.9	-1.74	-1.74	31.69	25.52	247.3	1.100	1445.1
9.0	-1.74	-1.74	31.69	25.52	247.3	1.112	1445.2
9.1	-1.74	-1.74	31.69	25.52	247.3	1.125	1445.3
9.2	-1.74	-1.74	31.69	25.52	247.3	1.137	1445.4
9.3	-1.74	-1.74	31.69	25.52	247.3	1.150	1445.5
9.4	-1.74	-1.74	31.69	25.52	247.3	1.162	1445.6
9.5	-1.74	-1.74	31.69	25.52	247.3	1.175	1445.7
9.6	-1.74	-1.74	31.69	25.52	247.3	1.187	1445.8
9.7	-1.74	-1.74	31.69	25.52	247.3	1.200	1445.9
9.8	-1.74	-1.74	31.69	25.52	247.3	1.212	1446.0
9.9	-1.74	-1.74	31.69	25.52	247.3	1.225	1446.1
10.0	-1.74	-1.74	31.69	25.52	247.3	1.237	1446.2
10.1	-1.74	-1.74	31.69	25.52	247.3	1.250	1446.3
10.2	-1.74	-1.74	31.69	25.52	247.3	1.262	1446.4
10.3	-1.74	-1.74	31.69	25.52	247.3	1.275	1446.5
10.4	-1.74	-1.74	31.69	25.52	247.3	1.287	1446.6
10.5	-1.74	-1.74	31.69	25.52	247.3	1.300	1446.7
10.6	-1.74	-1.74	31.69	25.52	247.3	1.312	1446.8
10.7	-1.74	-1.74	31.69	25.52	247.3	1.325	1446.9
10.8	-1.74	-1.74	31.69	25.52	247.3	1.337	1447.0
10.9	-1.74	-1.74	31.69	25.52	247.3	1.350	1447.1
11.0	-1.74	-1.74	31.69	25.52	247.3	1.362	1447.2
11.1	-1.74	-1.74	31.69	25.52	247.3	1.375	1447.3
11.2	-1.74	-1.74	31.69	25.52	247.3	1.387	1447.4
11.3	-1.74	-1.74	31.69	25.52	247.3	1.400	1447.5
11.4	-1.74	-1.74	31.69	25.52	247.3	1.412	1447.6
11.5	-1.74	-1.74	31.69	25.52	247.3	1.425	1447.7
11.6	-1.74	-1.74	31.69	25.52	247.3	1.437	1447.8
11.7	-1.74	-1.74	31.69	25.52	247.3	1.450	1447.9
11.8	-1.74	-1.74	31.69	25.52	247.3	1.462	1448.0
11.9	-1.74	-1.74	31.69	25.52	247.3	1.475	1448.1
12.0	-1.74	-1.74	31.69	25.52	247.3	1.487	1448.2
12.1	-1.74	-1.74	31.69	25.52	247.3	1.500	1448.3
12.2	-1.74	-1.74	31.69	25.52	247.3	1.512	1448.4
12.3	-1.74	-1.74	31.69	25.52	247.3	1.525	1448.5
12.4	-1.74	-1.74	31.69	25.52	247.3	1.537	1448.6
12.5	-1.74	-1.74	31.69	25.52	247.3	1.550	1448.7
12.6	-1.74	-1.74	31.69	25.52	247.3	1.562	1448.8
12.7	-1.74	-1.74	31.69	25.52	247.3	1.575	1448.9
12.8	-1.74	-1.74	31.69	25.52	247.3	1.587	1449.0
12.9	-1.74	-1.74	31.69	25.52	247.3	1.600	1449.1
13.0	-1.74	-1.74	31.69	25.52	247.3	1.612	1449.2
13.1	-1.74	-1.74	31.69	25.52	247.3	1.625	1449.3
13.2	-1.74	-1.74	31.69	25.52	247.3	1.637	1449.4
13.3	-1.74	-1.74	31.69	25.52	247.3	1.650	1449.5
13.4	-1.74	-1.74	31.69	25.52	247.3	1.662	1449.6
13.5	-1.74	-1.74	31.69	25.52	247.3	1.675	1449.7
13.6	-1.74	-1.74	31.69	25.52	247.3	1.687	1449.8
13.7	-1.74	-1.74	31.69	25.52	247.3	1.700	1449.9
13.8	-1.74	-1.74	31.69	25.52	247.3	1.712	1450.0
13.9	-1.74	-1.74	31.69	25.52	247.3	1.725	1450.1
14.0	-1.74	-1.74	31.69	25.52	247.3	1.737	1450.2
14.1	-1.74	-1.74	31.69	25.52	247.3	1.750	1450.3
14.2	-1.74	-1.74	31.69	25.52	247.3	1.762	1450.4
14.3	-1.74	-1.74	31.69	25.52	247.3	1.775	1450.5
14.4	-1.74	-1.74	31.69	25.52	247.3	1.787	1450.6
14.5	-1.74	-1.74	31.69	25.52	247.3	1.800	1450.7
14.6	-1.74	-1.74	31.69	25.52	247.3	1.812	1450.8
14.7	-1.74	-1.74	31.69	25.52	247.3	1.825	1450.9
14.8	-1.74	-1.74	31.69	25.52	247.3	1.837	1451.0
14.9	-1.74	-1.74	31.69	25.52			





FRAM 1 STATION 11(1) CTD 4/APR/1979 1837 GMT CODE = 1  
LAT = 84.6472N LNG = 9.4235W LTER = 0 LGER = 0  
AIR TEMP = -28.3 BAROM = 1038.7 WIND = 218.0 SPEED = 4.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.68	25.50	248.7	0.000	1436.4
0	-1.74	-1.74	31.68	25.50	248.6	0.008	1436.5
3.1	-1.73	-1.73	31.67	25.50	249.0	0.013	1436.5
5.0	-1.73	-1.73	31.67	25.50	249.0	0.013	1436.5
10.0	-1.74	-1.74	31.67	25.50	248.9	0.025	1436.6
15.0	-1.74	-1.74	31.67	25.50	248.9	0.038	1436.7
20.0	-1.74	-1.74	31.67	25.50	248.9	0.050	1436.8
25.0	-1.73	-1.74	31.67	25.50	248.9	0.063	1436.9
30.0	-1.74	-1.74	31.67	25.50	248.9	0.075	1436.9
35.0	-1.74	-1.74	31.67	25.50	248.8	0.088	1437.0
40.0	-1.73	-1.73	31.69	25.51	247.4	0.100	1437.1
45.0	-1.72	-1.72	32.09	25.84	247.2	0.112	1437.9
50.0	-1.70	-1.70	32.29	26.00	246.7	0.122	1438.3
55.0	-1.70	-1.70	32.36	26.06	246.5	0.132	1438.5
60.0	-1.69	-1.69	32.46	26.14	246.2	0.142	1438.7
65.0	-1.68	-1.69	32.56	26.22	246.0	0.151	1438.9
70.0	-1.63	-1.63	32.95	26.53	247.0	0.176	1440.0
80.0	-1.63	-1.63	33.24	26.76	248.6	0.190	1441.1
90.0	-1.53	-1.54	33.53	27.00	250.1	0.202	1442.1
100.0	-1.52	-1.52	33.80	27.22	251.6	0.212	1442.9
110.0	-1.48	-1.48	34.00	27.38	252.7	0.220	1443.5
120.0	-1.42	-1.42	34.13	27.48	252.7	0.226	1444.3
130.0	-1.34	-1.35	34.23	27.56	252.7	0.232	1444.4
140.0	-1.21	-1.21	34.37	27.62	252.7	0.237	1444.5
150.0	-1.09	-1.10	34.43	27.71	252.7	0.246	1444.7
160.0	-0.92	-0.92	34.48	27.74	252.7	0.249	1444.8
170.0	-0.72	-0.73	34.52	27.77	252.7	0.253	1444.8
180.0	-0.61	-0.61	34.55	27.79	252.7	0.256	1444.9
190.0	-0.47	-0.48	34.59	27.82	252.7	0.259	1445.1
200.0	-0.33	-0.34	34.63	27.87	252.7	0.264	1445.1
210.0	-0.22	-0.23	34.66	27.87	252.7	0.267	1445.3
220.0	-0.06	-0.07	34.70	27.89	252.7	0.271	1445.5
230.0	0.06	0.05	34.74	27.91	252.7	0.273	1445.5
240.0	0.16	0.15	34.76	27.94	252.7	0.275	1445.5
250.0	0.29	0.27	34.80	27.94	252.7	0.277	1445.5
260.0	0.32	0.30	34.81	27.95	252.7	0.278	1445.5
270.0	0.43	0.42	34.82	27.96	252.7	0.279	1445.5
280.0	0.56	0.54	34.86	27.98	252.7	0.281	1445.6
290.0	0.60	0.58	34.87	27.99	252.7	0.284	1445.7
300.0	0.68	0.66	34.89	28.00	252.7	0.285	1445.7
310.0	0.71	0.69	34.90	28.01	252.7	0.290	1445.8
320.0	0.68	0.66	34.90	28.01	252.7	0.293	1445.9
330.0	0.64	0.62	34.90	28.01	252.7	0.295	1445.9
340.0	0.62	0.60	34.90	28.01	252.7	0.298	1445.9
350.0	0.55	0.53	34.91	28.02	252.7	0.302	1445.9
360.0	0.51	0.48	34.91	28.02	252.7	0.304	1445.9
370.0	0.45	0.43	34.91	28.03	252.7	0.306	1445.9
380.0	0.41	0.39	34.91	28.03	252.7	0.308	1446.0
390.0	0.31	0.29	34.91	28.04	252.7	0.312	1446.0
400.0	0.27	0.24	34.91	28.04	252.7	0.314	1446.0
410.0	0.18	0.15	34.91	28.05	252.7	0.317	1446.0
420.0	0.09	0.06	34.91	28.05	252.7	0.320	1446.0
430.0	0.07	0.04	34.92	28.06	252.7	0.321	1446.1

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

DEPTH

TEMP.

SALIN

3.9  
36.7  
390.9  
700.4

-1.74  
-1.75  
0.70  
0.08

31.66  
34.89  
34.90

FRAM 1 STATION 12(1) CTD 5/APR/1979 700 GMT CODE = 1  
LAT = 84.6387N LNG = 9.2823W LTER = 10 LGER = 14  
AIR TEMP = -30.3 BAROM = 1035.7 WIND = 140.0 SPEED = 2.1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.69	25.51	248.2	0.000	1436.5
3.0	-1.74	-1.74	31.68	25.51	248.8	0.007	1436.5
5.0	-1.74	-1.74	31.67	25.50	249.0	0.012	1436.5
10.0	-1.74	-1.74	31.67	25.50	248.9	0.025	1436.6
15.0	-1.74	-1.74	31.67	25.50	248.9	0.038	1436.7
20.0	-1.74	-1.74	31.67	25.50	248.9	0.050	1436.8
25.0	-1.73	-1.73	31.69	25.50	248.9	0.063	1436.9
30.0	-1.74	-1.74	31.67	25.50	248.9	0.075	1436.9
35.0	-1.74	-1.74	31.67	25.50	248.8	0.088	1437.0
40.0	-1.72	-1.72	31.69	25.50	247.4	0.100	1437.1
45.0	-1.70	-1.70	32.15	25.89	247.2	0.112	1437.9
50.0	-1.69	-1.69	32.34	26.04	246.7	0.122	1438.3
55.0	-1.69	-1.69	32.44	26.12	246.5	0.132	1438.5
60.0	-1.70	-1.70	32.53	26.19	246.2	0.142	1438.7
65.0	-1.70	-1.70	32.61	26.26	246.0	0.151	1438.9
70.0	-1.69	-1.69	32.70	26.33	246.0	0.159	1439.0
80.0	-1.56	-1.56	32.94	26.52	247.0	0.175	1440.0
90.0	-1.51	-1.51	33.23	26.76	248.6	0.189	1441.1
100.0	-1.51	-1.51	33.53	27.00	250.1	0.201	1442.1
110.0	-1.48	-1.48	33.82	27.24	251.6	0.211	1442.9
120.0	-1.43	-1.43	34.00	27.38	252.7	0.218	1443.5
130.0	-1.35	-1.35	34.13	27.48	252.7	0.225	1444.3
140.0	-1.21	-1.21	34.22	27.55	252.7	0.231	1444.4
150.0	-1.11	-1.11	34.37	27.63	252.7	0.236	1444.5
160.0	-0.94	-0.94	34.43	27.71	252.7	0.240	1444.7
170.0	-0.83	-0.83	34.46	27.73	252.7	0.248	1444.8
180.0	-0.62	-0.63	34.53	27.78	252.7	0.252	1444.9
190.0	-0.53	-0.53	34.55	27.80	252.7	0.255	1445.0
200.0	-0.43	-0.43	34.60	27.83	252.7	0.258	1445.1
210.0	-0.29	-0.30	34.63	27.85	252.7	0.263	1445.1
220.0	-0.17	-0.18	34.66	27.86	252.7	0.267	1445.3
230.0	0.06	0.07	34.70	27.89	252.7	0.270	1445.5
240.0	0.23	0.22	34.77	27.93	252.7	0.273	1445.5
250.0	0.33	0.32	34.80	27.95	252.7	0.275	1445.5
260.0	0.37	0.36	34.81	27.95	252.7	0.277	1445.5
270.0	0.46	0.45	34.85	27.97	252.7	0.278	1445.5
280.0	0.59	0.57	34.86	27.98	252.7	0.281	1445.7
290.0	0.61	0.59	34.87	27.98	252.7	0.282	1445.7
300.0	0.65	0.63	34.87	27.99	252.7	0.284	1445.7
310.0	0.71	0.70	34.89	28.00	252.7	0.289	1445.8
320.0	0.66	0.64	34.90	28.00	252.7	0.292	1445.9
330.0	0.65	0.63	34.90	28.01	252.7	0.294	1445.9
340.0	0.64	0.62	34.91	28.01	252.7	0.296	1445.9
350.0	0.57	0.54	34.91	28.02	252.7	0.301	1445.9
360.0	0.46	0.43	34.91	28.03	252.7	0.303	1445.9
370.0	0.42	0.39	34.91	28.03	252.7	0.305	1446.0
380.0	0.32	0.30	34.91	28.04	252.7	0.307	1446.0
390.0	0.24	0.22	34.91	28.04	252.7	0.311	1446.0
400.0	0.19	0.17	34.91	28.04	252.7	0.313	1446.0
410.0	0.11	0.08	34.91	28.05	252.7	0.316	1446.0
420.0	0.09	0.06	34.91	28.05	252.7	0.318	1446.0
430.0	0.07	0.04	34.91	28.05	252.7	0.320	1446.0
440.0	0.05	0.02	34.91	28.05	252.7	0.321	1446.1

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

DEPTH

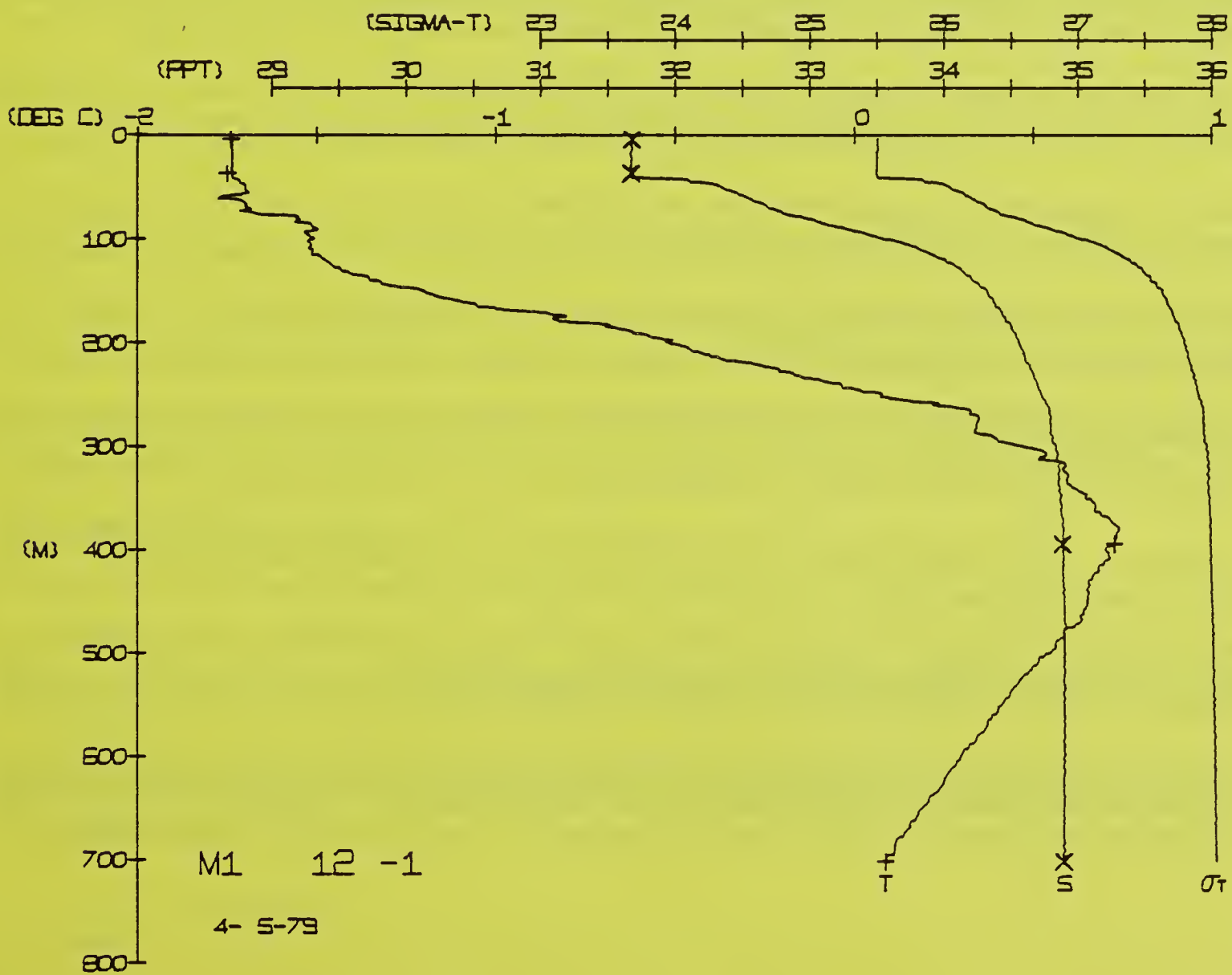
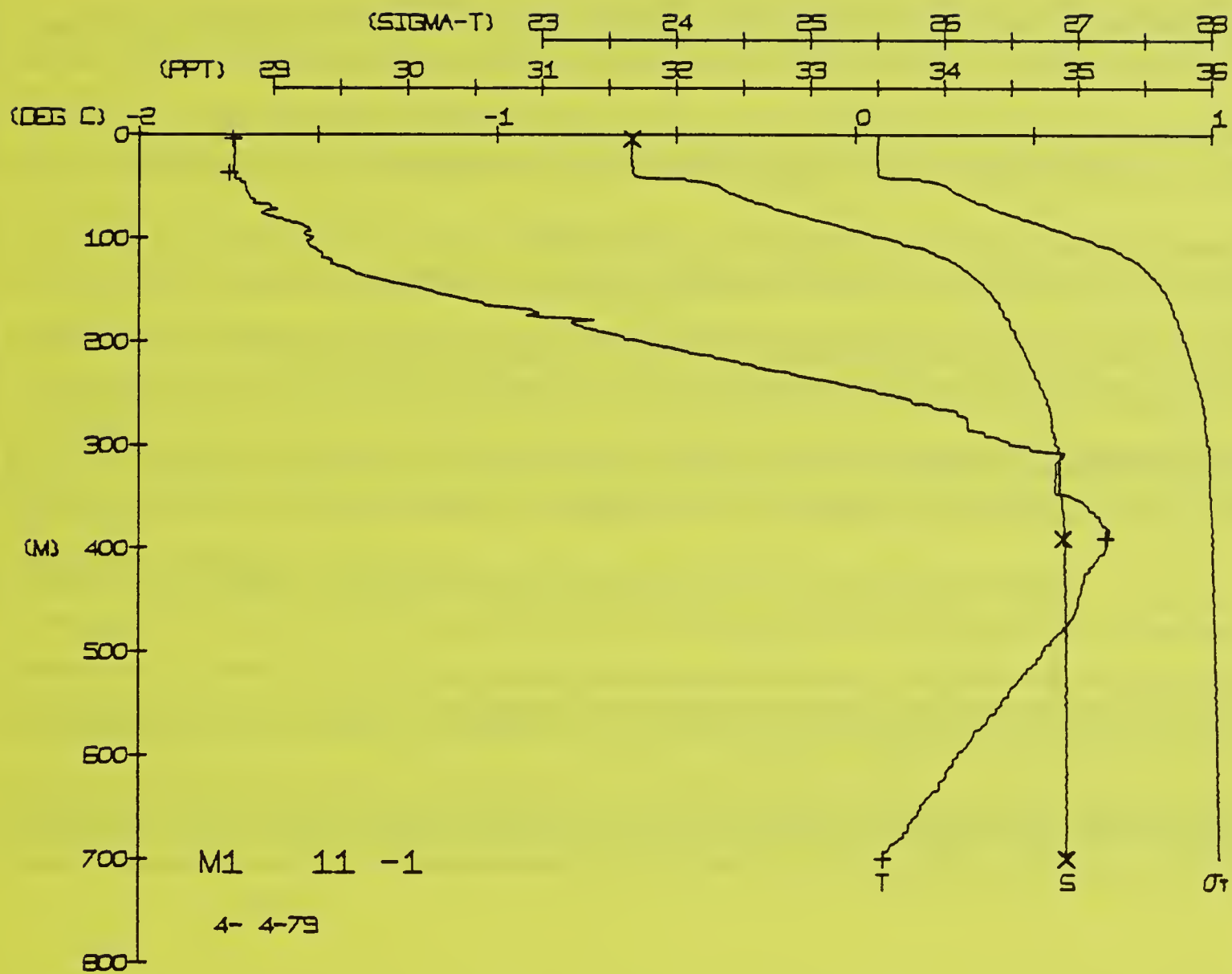
TEMP.

SALIN

3.9  
36.2  
394.7  
702.1

-1.74  
-1.75  
0.73  
0.09

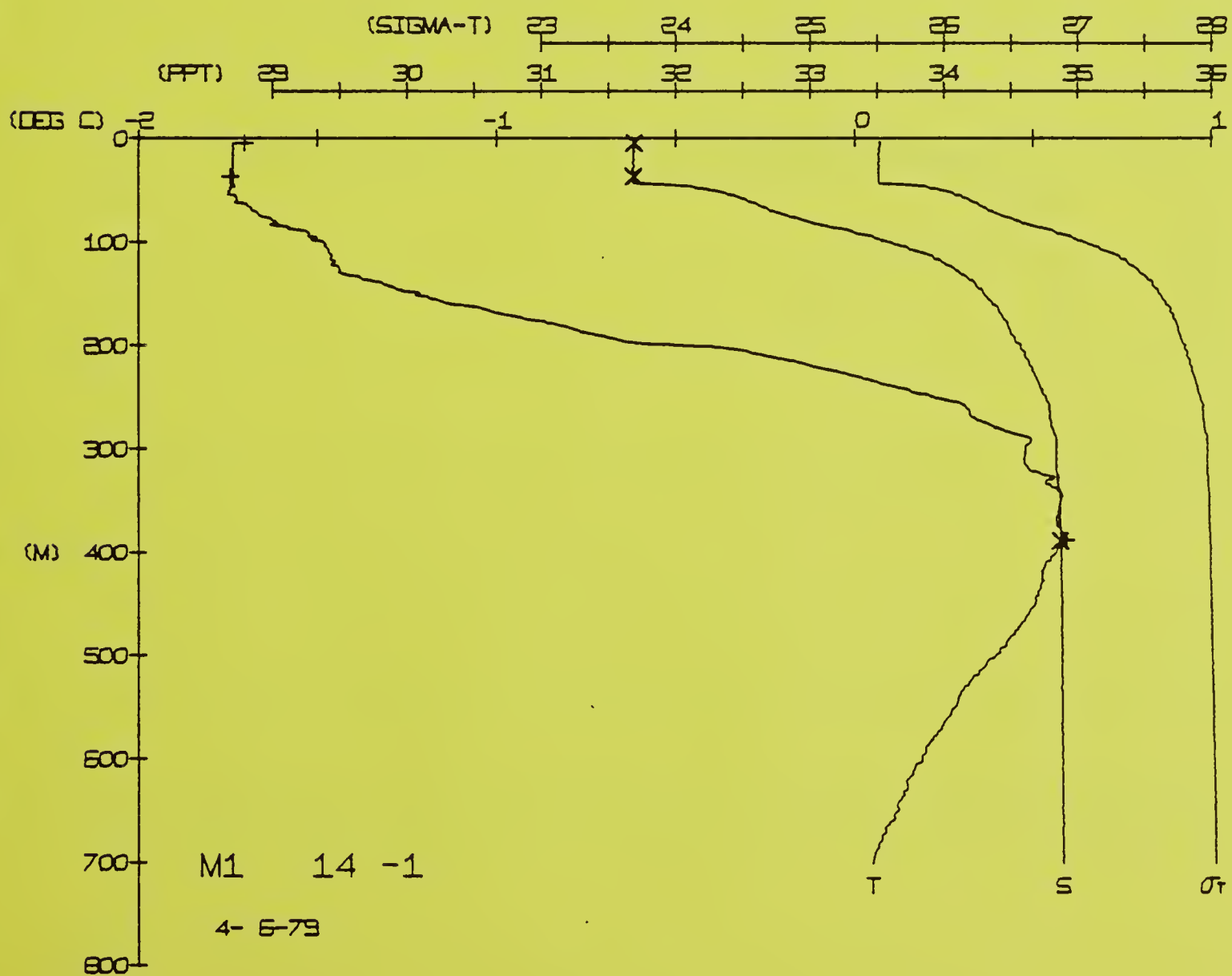
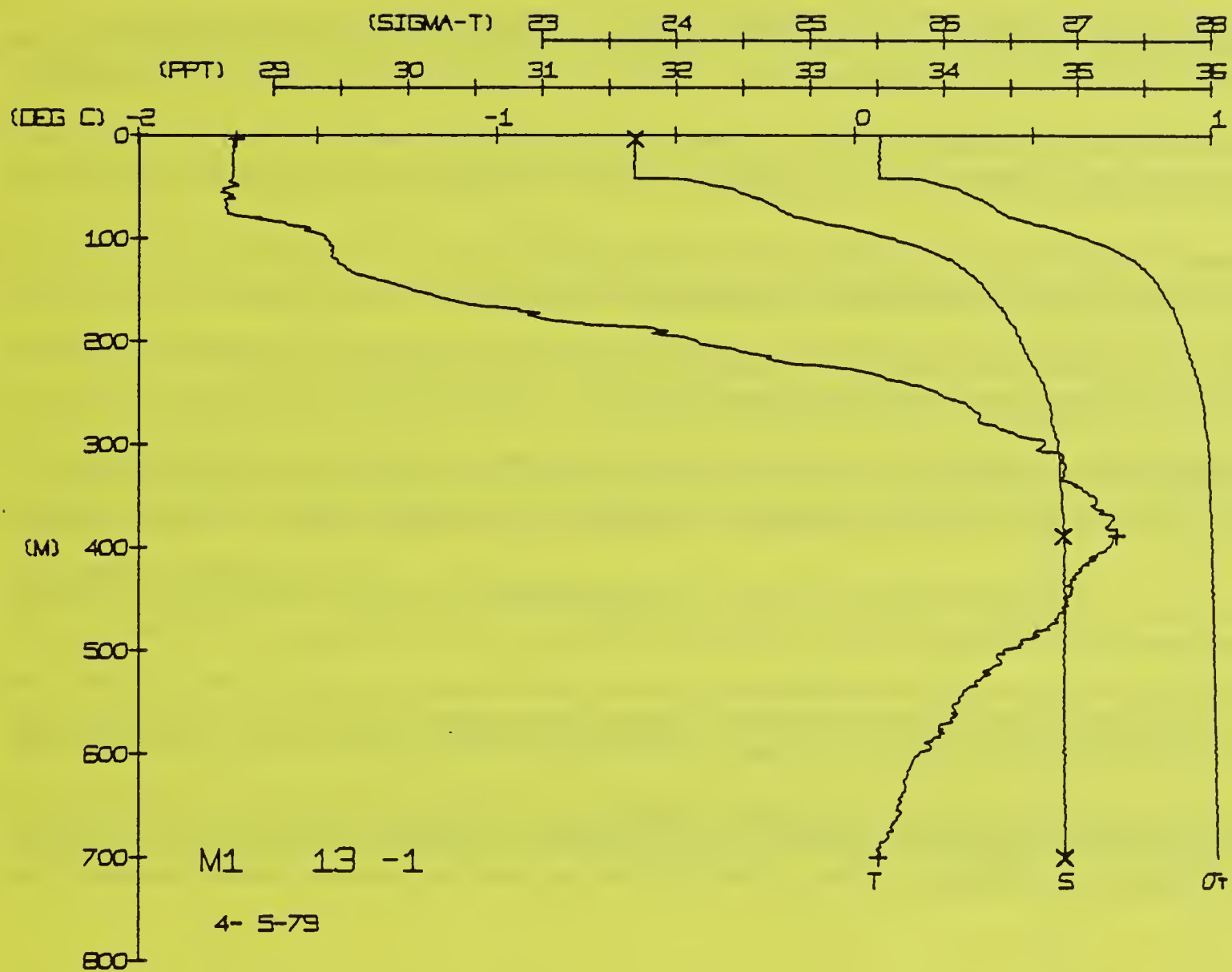
31.67  
31.67  
34.89  
34.90





FRAM 1 STATION 13(1) CTD 5/APR/1979 1835 GMT CODE = 1  
LAT = 84.6364N LNG = 9.2505W LTER = 106. LGER = 124.  
AIR TEMP = -30.3 BAROM = 1033.4 WIND = 140.0 SPEED = 2.1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVCL	DYNHT	SOUND
0	73	73	31.69	25.52	247.3	0.000	1436.5
1	73	73	31.69	25.52	247.2	0.008	1436.5
2	73	73	31.70	25.52	247.1	0.012	1436.5
3	74	74	31.70	25.52	247.0	0.025	1436.6
4	74	74	31.69	25.52	247.3	0.037	1436.7
5	74	74	31.68	25.51	247.0	0.050	1436.8
6	74	74	31.69	25.52	247.4	0.062	1436.9
7	74	74	31.69	25.51	247.3	0.075	1437.0
8	74	74	31.68	25.51	247.6	0.087	1437.1
9	74	74	31.69	25.51	247.8	0.100	1437.2
10	74	74	31.69	25.51	247.8	0.111	1437.3
11	74	74	31.69	25.51	247.8	0.122	1437.4
12	74	74	31.69	25.51	247.8	0.132	1437.5
13	74	74	31.69	25.51	247.8	0.141	1437.6
14	74	74	31.69	25.51	247.8	0.150	1437.7
15	74	74	31.69	25.51	247.8	0.158	1437.8
16	74	74	31.69	25.51	247.8	0.169	1437.9
17	74	74	31.69	25.51	247.8	0.175	1438.0
18	74	74	31.69	25.51	247.8	0.189	1438.1
19	74	74	31.69	25.51	247.8	0.200	1438.2
20	74	74	31.69	25.51	247.8	0.210	1438.3
21	74	74	31.69	25.51	247.8	0.218	1438.4
22	74	74	31.69	25.51	247.8	0.223	1438.5
23	74	74	31.69	25.51	247.8	0.230	1438.6
24	74	74	31.69	25.51	247.8	0.235	1438.7
25	74	74	31.69	25.51	247.8	0.240	1438.8
26	74	74	31.69	25.51	247.8	0.244	1438.9
27	74	74	31.69	25.51	247.8	0.247	1439.0
28	74	74	31.69	25.51	247.8	0.251	1439.1
29	74	74	31.69	25.51	247.8	0.254	1439.2
30	74	74	31.69	25.51	247.8	0.257	1439.3
31	74	74	31.69	25.51	247.8	0.260	1439.4
32	74	74	31.69	25.51	247.8	0.262	1439.5
33	74	74	31.69	25.51	247.8	0.264	1439.6
34	74	74	31.69	25.51	247.8	0.266	1439.7
35	74	74	31.69	25.51	247.8	0.268	1439.8
36	74	74	31.69	25.51	247.8	0.270	1439.9
37	74	74	31.69	25.51	247.8	0.272	1440.0
38	74	74	31.69	25.51	247.8	0.273	1440.1
39	74	74	31.69	25.51	247.8	0.275	1440.2
40	74	74	31.69	25.51	247.8	0.276	1440.3
41	74	74	31.69	25.51	247.8	0.277	1440.4
42	74	74	31.69	25.51	247.8	0.278	1440.5
43	74	74	31.69	25.51	247.8	0.279	1440.6
44	74	74	31.69	25.51	247.8	0.281	1440.7
45	74	74	31.69	25.51	247.8	0.282	1440.8
46	74	74	31.69	25.51	247.8	0.283	1440.9
47	74	74	31.69	25.51	247.8	0.284	1441.0
48	74	74	31.69	25.51	247.8	0.285	1441.1
49	74	74	31.69	25.51	247.8	0.286	1441.2
50	74	74	31.69	25.51	247.8	0.287	1441.3
51	74	74	31.69	25.51	247.8	0.288	1441.4
52	74	74	31.69	25.51	247.8	0.289	1441.5
53	74	74	31.69	25.51	247.8	0.290	1441.6
54	74	74	31.69	25.51	247.8	0.291	1441.7
55	74	74	31.69	25.51	247.8	0.292	1441.8
56	74	74	31.69	25.51	247.8	0.293	1441.9
57	74	74	31.69	25.51	247.8	0.294	1442.0
58	74	74	31.69	25.51	247.8	0.295	1442.1
59	74	74	31.69	25.51	247.8	0.296	1442.2
60	74	74	31.69	25.51	247.8	0.297	1442.3
61	74	74	31.69	25.51	247.8	0.298	1442.4
62	74	74	31.69	25.51	247.8	0.299	1442.5
63	74	74	31.69	25.51	247.8	0.300	1442.6
64	74	74	31.69	25.51	247.8	0.301	1442.7
65	74	74	31.69	25.51	247.8	0.302	1442.8
66	74	74	31.69	25.51	247.8	0.303	1442.9
67	74	74	31.69	25.51	247.8	0.304	1443.0
68	74	74	31.69	25.51	247.8	0.305	1443.1
69	74	74	31.69	25.51	247.8	0.306	1443.2
70	74	74	31.69	25.51	247.8	0.307	1443.3
71	74	74	31.69	25.51	247.8	0.308	1443.4
72	74	74	31.69	25.51	247.8	0.309	1443.5
73	74	74	31.69	25.51	247.8	0.310	1443.6
74	74	74	31.69	25.51	247.8	0.311	1443.7
75	74	74	31.69	25.51	247.8	0.312	1443.8
76	74	74	31.69	25.51	247.8	0.313	1443.9
77	74	74	31.69	25.51	247.8	0.314	1444.0
78	74	74	31.69	25.51	247.8	0.315	1444.1
79	74	74	31.69	25.51	247.8	0.316	1444.2
80	74	74	31.69	25.51	247.8	0.317	1444.3
81	74	74	31.69	25.51	247.8	0.318	1444.4
82	74	74	31.69	25.51	247.8	0.319	1444.5
83	74	74	31.69	25.51	247.8	0.320	1444.6
84	74	74	31.69	25.51	247.8	0.321	1444.7
85	74	74	31.69	25.51	247.8	0.322	1444.8
86	74	74	31.69	25.51	247.8	0.323	1444.9
87	74	74	31.69	25.51	247.8	0.324	1445.0
88	74	74	31.69	25.51	247.8	0.325	1445.1
89	74	74	31.69	25.51	247.8	0.326	1445.2
90	74	74	31.69	25.51	247.8	0.327	1445.3
91	74	74	31.69	25.51	247.8	0.328	1445.4
92	74	74	31.69	25.51	247.8	0.329	1445.5
93	74	74	31.69	25.51	247.8	0.330	1445.6
94	74	74	31.69	25.51	247.8	0.331	1445.7
95	74	74	31.69	25.51	247.8	0.332	1445.8
96	74	74	31.69	25.51	247.8	0.333	1445.9
97	74	74	31.69	25.51	247.8	0.334	1446.0
98	74	74	31.69	25.51	247.8	0.335	1446.1
99	74	74	31.69	25.51	247.8	0.336	1446.2
100	74	74	31.69	25.51	247.8	0.337	1446.3
101	74	74	31.69	25.51	247.8	0.338	1446.4
102	74	74	31.69	25.51	247.8	0.339	1446.5
103	74	74	31.69	25.51	247.8	0.340	1446.6
104	74	74	31.69	25.51	247.8	0.341	1446.7
105	74	74	31.69	25.51	247.8	0.342	1446.8
106	74	74	31.69	25.51	247.8	0.343	1446.9
107	74	74	31.69	25.51	247.8	0.344	1447.0
108	74	74	31.69	25.51	247.8	0.345	1447.1
109	74	74	31.69	25.51	247.8	0.346	1447.2
110	74	74	31.69	25.51	247.8	0.347	1447.3
111	74	74	31.69	25.51	247.8	0.348	1447.4
112	74	74	31.69	25.51	247.8	0.349	1447.5
113	74	74	31.69	25.51	247.8	0.350	1447.6
114	74	74	31.69	25.51	247.8	0.351	1447.7
115	74	74	31.69	25.51	247.8	0.352	1447.8
116	74	74	31.69	25.51	247.8	0.353	1447.9
117	74	74	31.69	25.51	247.8	0.354	1448.0
118	74	74	31.69	25.51	247.8	0.355	1448.1
119	74	74	31.69	25.51	247.8	0.356	1448.2
120	74	74	31.69	25.51	247.8	0.357	1448.3
121	74	74	31.69	25.51	247.8	0.358	1448.4
122	74	74	31.69	25.51	247.8	0.359	1448.5
123	74	74	31.69	25.51	247.8	0.360	1448.6
124	74	74	31.69	25.51	247.8	0.361	1448.7
125	74	74	31.69	25.51	247.8	0.362	1448.8
126	74	74	31.69	25.51	247.8	0.363	1448.9
127	74	74	31.69	25.51	247.8	0.364	1449.0
128	74	74	31.69	25.51	247.8	0.365	1449.1
129	74	74	31.69	25.51	247.8	0.366	1449.2
130	74	74	31.69	25.51	247.8	0.367	1449.3
131	74	74	31.69	25.51	247.8	0.368	1449.4
132	74	74	31.69	25.51	247.8	0.369	1449.5
133	74	74	31.69	25.51	247.8	0.370	1449.6
134	74	74	31.69	25.51	247.8	0.371	1449.7
135	74	74	31.69	25.51	247.8	0.372	1449.8
136	74	74	31.69	25.51	247.8	0.373	1449.9
137	74	74	31.69	25.51	247.8	0.374	1450.0
138	74	74	31.69	25.51	247.8	0.375	1450.1
139	74	74	31.69	25.51	247.8	0.376	1450.2
140	74	74	31.69	25.51	247.8	0.377	1450.3
141	74	74	31.69	25.51	247.8	0.378	1450.4
142	74	74	31.69	25.51	247.8	0.379	1450.5
143	74	74	31.69	25.51	247.8	0.380	1450.6
144	74	74	31.69	25.51	247.8	0.381	1450.7
145	74	74	31.69	25.51	247.8	0.382	1450.8
146	74	74	31.69	25.51	247.8	0.383	1450.9
147	74	74	31.69	25.51	247.8	0.384	1451.0
148	74	74	31.69	25.51	247.8	0.385	1451.1
149	74	74	31.69	25.51	247.8	0.386	1451.2
150	74	74	31.69	25.51	247.8	0.387	1451.3
151	74	74	31.69	25.51	247.8	0.388	1451.4
152	74	74	31.69	25.51	247.8	0.389	1451.5
153	74	74	31.69	25.51	247.8	0.390	1451.6
154	74	74	31.69	25.51	247.8	0.391	1451.7
155	74	74	31.69	25.51	247.8	0.392	1451.8
156	74	74	31.69	25.51	247.8	0.393	1451.9
157	74	74	31.69	25.51	247.8	0.394	1452.0
158	74	74	31.69	25.51	247.8	0.395	1452.1
159	74	74	31				



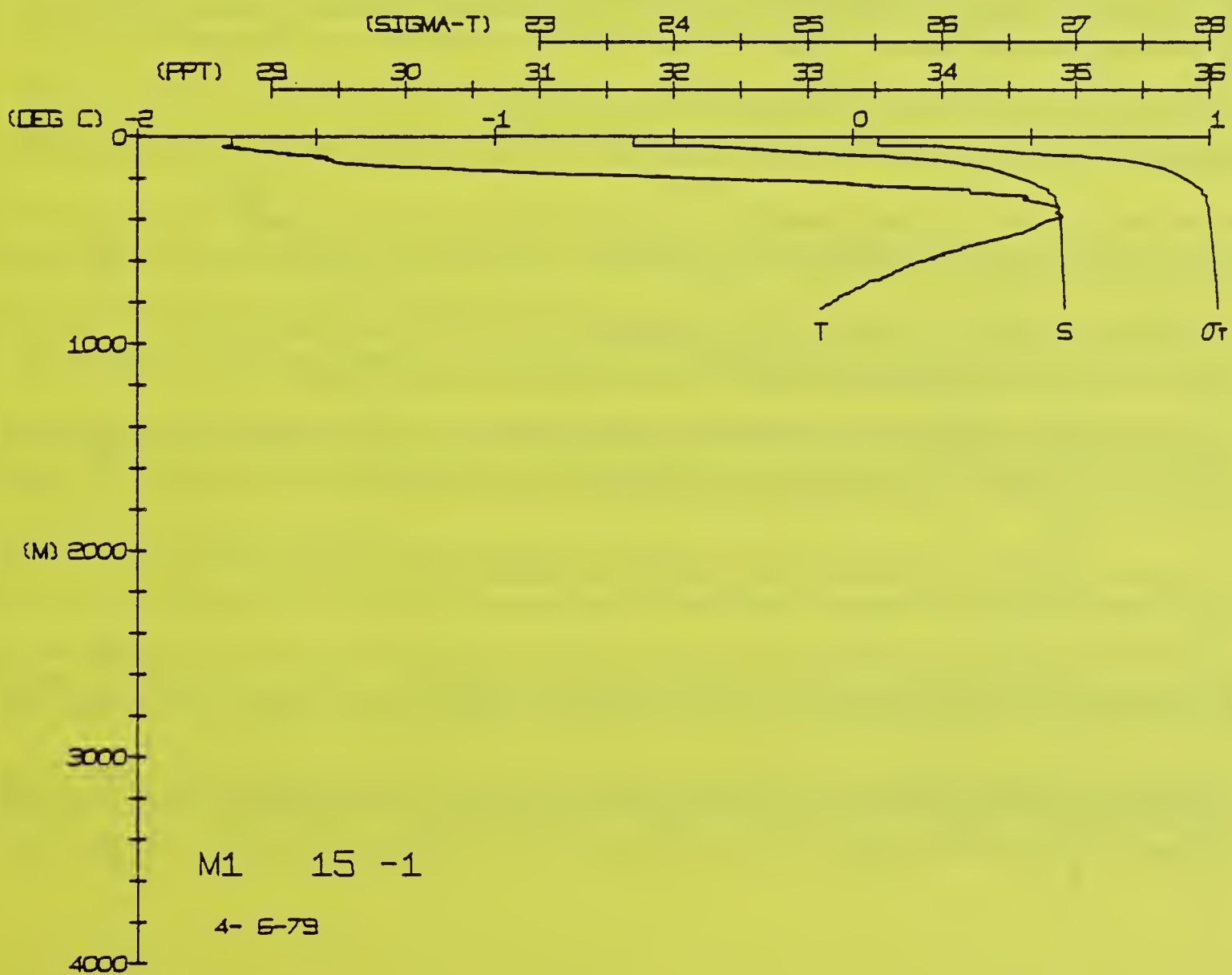
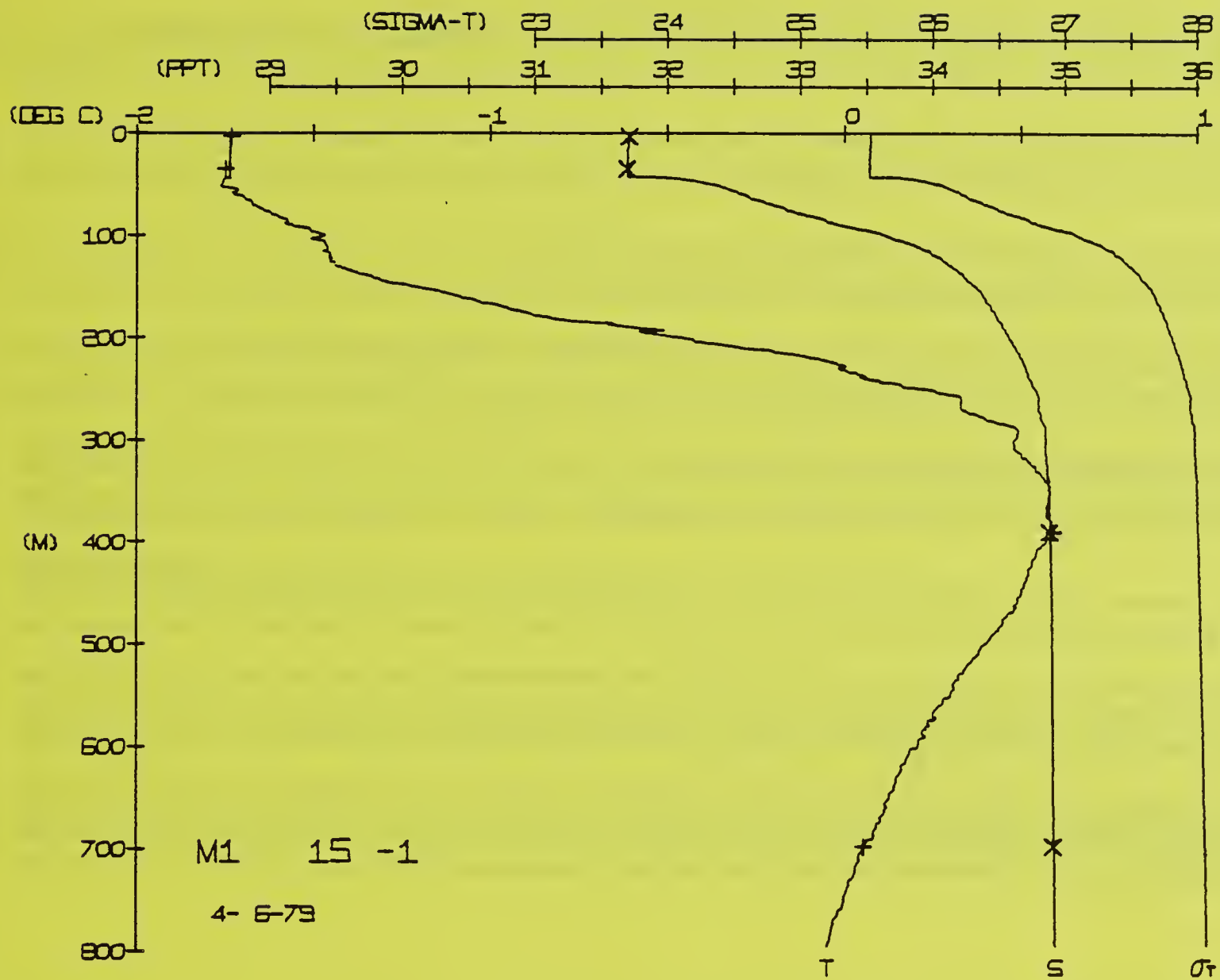


FRAM 1 STATION 15(1) CTD 6/APR/1979 1833 GMT CODE = 1  
LAT = 84.6383N LNG = 9.1456W LTER = 1. LGER = 2.  
AIR TEMP = -26.6 BAROM = 1029.8 WIND = 175.0 SPEED = 3.1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	SALIN
0	-1.74	-1.74	31.71	25.53	246.2	0.000	1436.5			
3	-1.74	-1.74	31.71	25.53	246.2	0.007	1436.5			
5	-1.74	-1.74	31.71	25.53	246.0	0.012	1436.6			
10	-1.74	-1.74	31.70	25.53	246.4	0.025	1436.6			
15	-1.74	-1.74	31.70	25.52	246.7	0.037	1436.7			
20	-1.74	-1.74	31.70	25.52	246.8	0.050	1436.8			
25	-1.74	-1.74	31.70	25.52	246.8	0.062	1436.9			
30	-1.74	-1.74	31.70	25.52	246.8	0.074	1437.0			
35	-1.73	-1.74	31.69	25.52	247.0	0.087	1437.1			
40	-1.73	-1.74	31.70	25.52	247.0	0.099	1437.1			
45	-1.75	-1.75	31.70	25.50	246.7	0.111	1437.6			
50	-1.76	-1.76	32.28	25.99	220.1	0.122	1438.0			
55	-1.72	-1.72	32.44	26.12	189.6	0.132	1438.5			
60	-1.73	-1.73	32.55	26.21	174.3	0.141	1438.7			
65	-1.69	-1.69	32.64	26.38	164.8	0.158	1439.4			
70	-1.67	-1.67	32.98	26.56	147.7	0.174	1440.2			
80	-1.62	-1.62	33.27	26.79	126.2	0.188	1441.0			
90	-1.56	-1.56	33.63	27.08	81.7	0.199	1442.6			
100	-1.47	-1.47	33.85	27.26	69.9	0.208	1443.0			
110	-1.45	-1.46	34.00	27.38	60.6	0.216	1443.5			
120	-1.43	-1.43	34.12	27.48	53.2	0.223	1444.0			
130	-1.34	-1.35	34.22	27.56	47.1	0.228	1444.5			
140	-1.23	-1.23	34.38	27.67	42.1	0.233	1445.0			
150	-1.09	-1.09	34.43	27.71	39.1	0.242	1446.7			
160	-0.97	-0.98	34.47	27.74	36.8	0.246	1447.6			
170	-0.84	-0.85	34.53	27.78	32.4	0.249	1448.7			
180	-0.61	-0.62	34.57	27.83	30.4	0.253	1449.7			
190	-0.47	-0.48	34.61	27.86	28.0	0.258	1450.7			
200	-0.30	-0.31	34.66	27.88	25.4	0.261	1452.5			
210	-0.09	-0.10	34.70	27.90	23.0	0.263	1453.0			
220	0.01	0.02	34.72	27.92	19.6	0.265	1453.9			
230	0.05	0.04	34.79	27.94	17.5	0.267	1454.7			
240	0.21	0.20	34.80	27.95	16.6	0.270	1455.4			
250	0.33	0.32	34.81	27.98	14.5	0.272	1456.1			
260	0.40	0.39	34.85	27.98	14.5	0.273	1456.6			
270	0.48	0.47	34.85	27.98	14.5	0.275	1456.6			
280	0.48	0.47	34.85	27.98	14.5	0.276	1456.6			
290	0.51	0.50	34.86	27.98	14.5	0.278	1456.6			
300	0.54	0.52	34.87	27.99	13.2	0.279	1457.2			
310	0.56	0.55	34.87	27.99	13.0	0.280	1457.4			
320	0.57	0.56	34.88	28.00	12.7	0.283	1457.7			
330	0.58	0.57	34.88	28.01	11.1	0.288	1458.8			
340	0.54	0.52	34.89	28.01	11.0	0.290	1458.8			
350	0.52	0.50	34.89	28.02	10.4	0.293	1459.1			
360	0.48	0.44	34.89	28.02	10.4	0.295	1459.1			
370	0.42	0.40	34.89	28.02	9.9	0.297	1459.5			
380	0.37	0.35	34.89	28.03	9.4	0.301	1459.5			
390	0.32	0.30	34.90	28.04	8.8	0.303	1459.8			
400	0.22	0.22	34.90	28.04	8.4	0.307	1460.2			
410	0.18	0.15	34.90	28.04	8.3	0.309	1460.4			
420	0.15	0.12	34.90	28.05	7.7	0.311	1460.9			
430	0.10	0.07	34.91	28.05	7.6	0.312	1461.0			
440	0.08	0.05	34.91	28.05	6.9	0.314	1461.3			
450	0.04	0.01	34.91	28.06	6.5	0.317	1461.5			
460	0.02	0.02	34.91	28.06	6.5	0.320	1462.1			
470	0.01	0.04	34.92	28.06	5.9	0.323	1462.1			
480	-0.06	0.09	34.92	28.06	5.9	0.323	1462.1			

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

DEPTH 3.5  
TEMP. -1.74  
SALIN 31.70  
34.7  
390.7  
698.6





FRAM 1 STATION 16(1) CTD 7/APR/1979 654 GMT CODE = 1  
LAT = 84.6366N LNG = 9.1475W LTER = 1. LGER = 2.  
AIR TEMP = -26.6 BAROM = 1028.3 WIND = 175.0 SPEED = 3.1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	31.72	25.54	245.3	0.000	1436.5
3.1	-1.74	-1.74	31.72	25.54	245.3	0.008	1436.6
5.0	-1.74	-1.74	31.72	25.54	245.1	0.012	1436.6
10.0	-1.74	-1.74	31.71	25.53	245.5	0.025	1436.7
15.0	-1.74	-1.74	31.71	25.53	245.8	0.037	1436.7
20.0	-1.74	-1.74	31.71	25.53	245.8	0.049	1436.8
25.0	-1.74	-1.74	31.71	25.53	245.1	0.062	1436.9
30.0	-1.73	-1.74	31.71	25.53	245.9	0.074	1437.0
35.0	-1.74	-1.74	31.71	25.53	245.9	0.087	1437.1
40.0	-1.74	-1.74	31.71	25.53	245.9	0.099	1437.2
45.0	-1.74	-1.74	31.71	25.53	245.9	0.111	1437.5
50.0	-1.74	-1.74	31.71	25.53	245.9	0.122	1438.1
55.0	-1.73	-1.73	31.71	25.53	245.9	0.132	1438.5
60.0	-1.73	-1.73	31.71	25.53	245.9	0.141	1438.8
65.0	-1.73	-1.73	31.71	25.53	245.9	0.150	1438.9
70.0	-1.73	-1.73	31.71	25.53	245.9	0.158	1439.2
80.0	-1.70	-1.71	31.71	25.53	245.9	0.174	1440.0
90.0	-1.58	-1.58	31.71	25.53	245.9	0.189	1441.0
100.0	-1.54	-1.54	31.71	25.53	245.9	0.200	1441.8
110.0	-1.49	-1.49	31.71	25.53	245.9	0.210	1442.0
120.0	-1.46	-1.46	31.71	25.53	245.9	0.217	1443.0
130.0	-1.43	-1.43	31.71	25.53	245.9	0.224	1443.5
140.0	-1.36	-1.36	31.71	25.53	245.9	0.235	1444.4
150.0	-1.25	-1.25	31.71	25.53	245.9	0.244	1444.5
160.0	-1.12	-1.12	31.71	25.53	245.9	0.251	1444.8
170.0	-0.92	-0.92	31.71	25.53	245.9	0.254	1444.9
180.0	-0.87	-0.87	31.71	25.53	245.9	0.257	1445.0
190.0	-0.69	-0.69	31.71	25.53	245.9	0.265	1445.3
200.0	-0.55	-0.55	31.71	25.53	245.9	0.267	1445.4
210.0	-0.40	-0.40	31.71	25.53	245.9	0.270	1445.4
220.0	-0.22	-0.22	31.71	25.53	245.9	0.272	1445.4
230.0	-0.02	-0.02	31.71	25.53	245.9	0.275	1445.5
240.0	0.10	0.10	31.71	25.53	245.9	0.277	1445.6
250.0	0.25	0.25	31.71	25.53	245.9	0.278	1445.6
260.0	0.32	0.32	31.71	25.53	245.9	0.278	1445.6
270.0	0.40	0.40	31.71	25.53	245.9	0.278	1445.6
280.0	0.48	0.48	31.71	25.53	245.9	0.278	1445.6
290.0	0.48	0.48	31.71	25.53	245.9	0.278	1445.6
300.0	0.48	0.48	31.71	25.53	245.9	0.278	1445.6
310.0	0.48	0.48	31.71	25.53	245.9	0.278	1445.6
320.0	0.53	0.53	31.71	25.53	245.9	0.278	1445.6
330.0	0.54	0.54	31.71	25.53	245.9	0.278	1445.6
340.0	0.56	0.56	31.71	25.53	245.9	0.278	1445.6
350.0	0.57	0.57	31.71	25.53	245.9	0.278	1445.6
360.0	0.57	0.57	31.71	25.53	245.9	0.278	1445.6
370.0	0.57	0.57	31.71	25.53	245.9	0.278	1445.6
380.0	0.57	0.57	31.71	25.53	245.9	0.278	1445.6
390.0	0.57	0.57	31.71	25.53	245.9	0.278	1445.6
400.0	0.55	0.55	31.71	25.53	245.9	0.278	1445.6
410.0	0.52	0.52	31.71	25.53	245.9	0.278	1445.6
420.0	0.52	0.52	31.71	25.53	245.9	0.278	1445.6
430.0	0.47	0.47	31.71	25.53	245.9	0.278	1445.6
440.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
450.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
460.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
470.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
480.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
490.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
500.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
510.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
520.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
530.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
540.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
550.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
560.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
570.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
580.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
590.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
600.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
610.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
620.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
630.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
640.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
650.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
660.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
670.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
680.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
690.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6
700.0	0.43	0.43	31.71	25.53	245.9	0.278	1445.6

BOT NUM = 1  
BOT NUM = 3

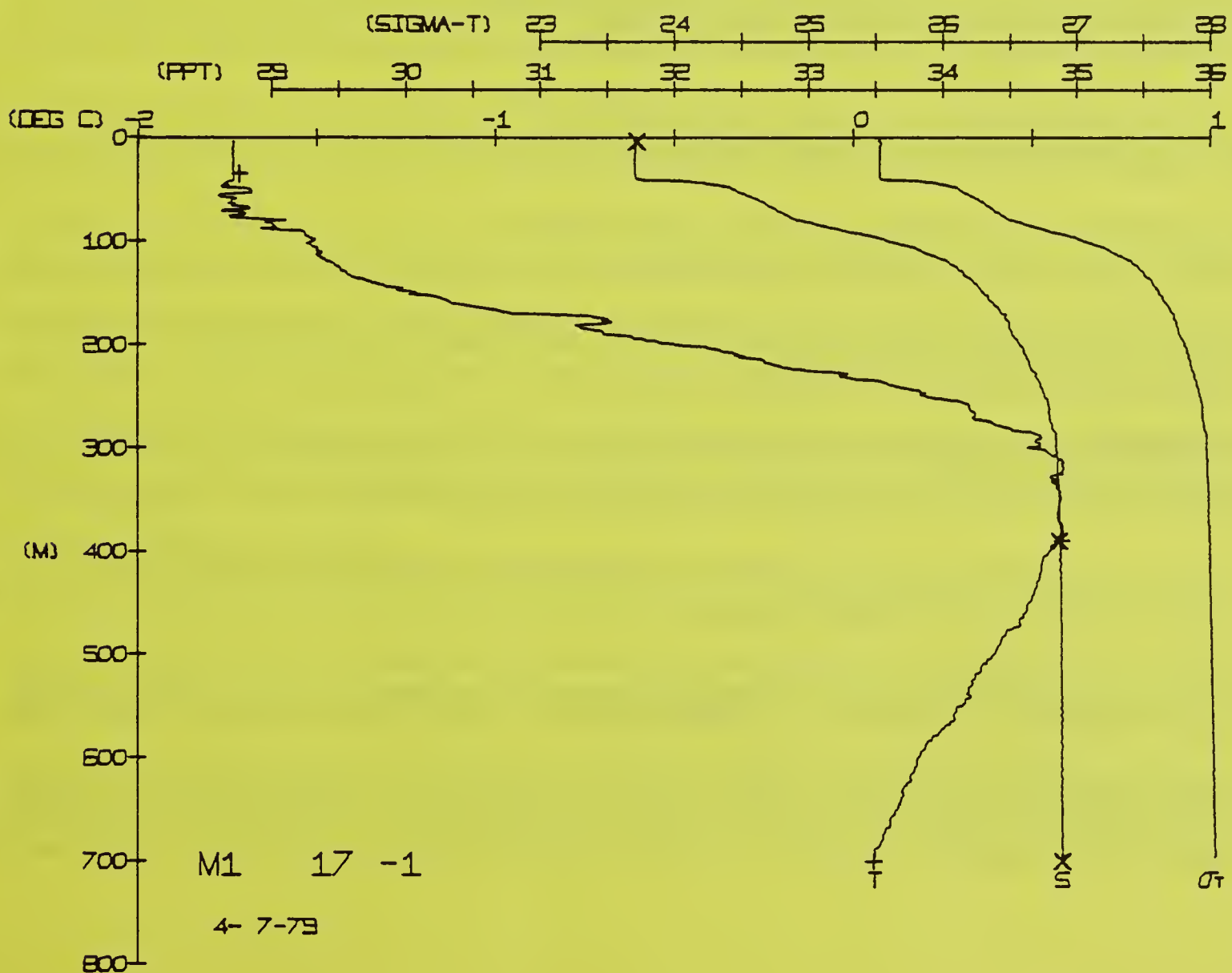
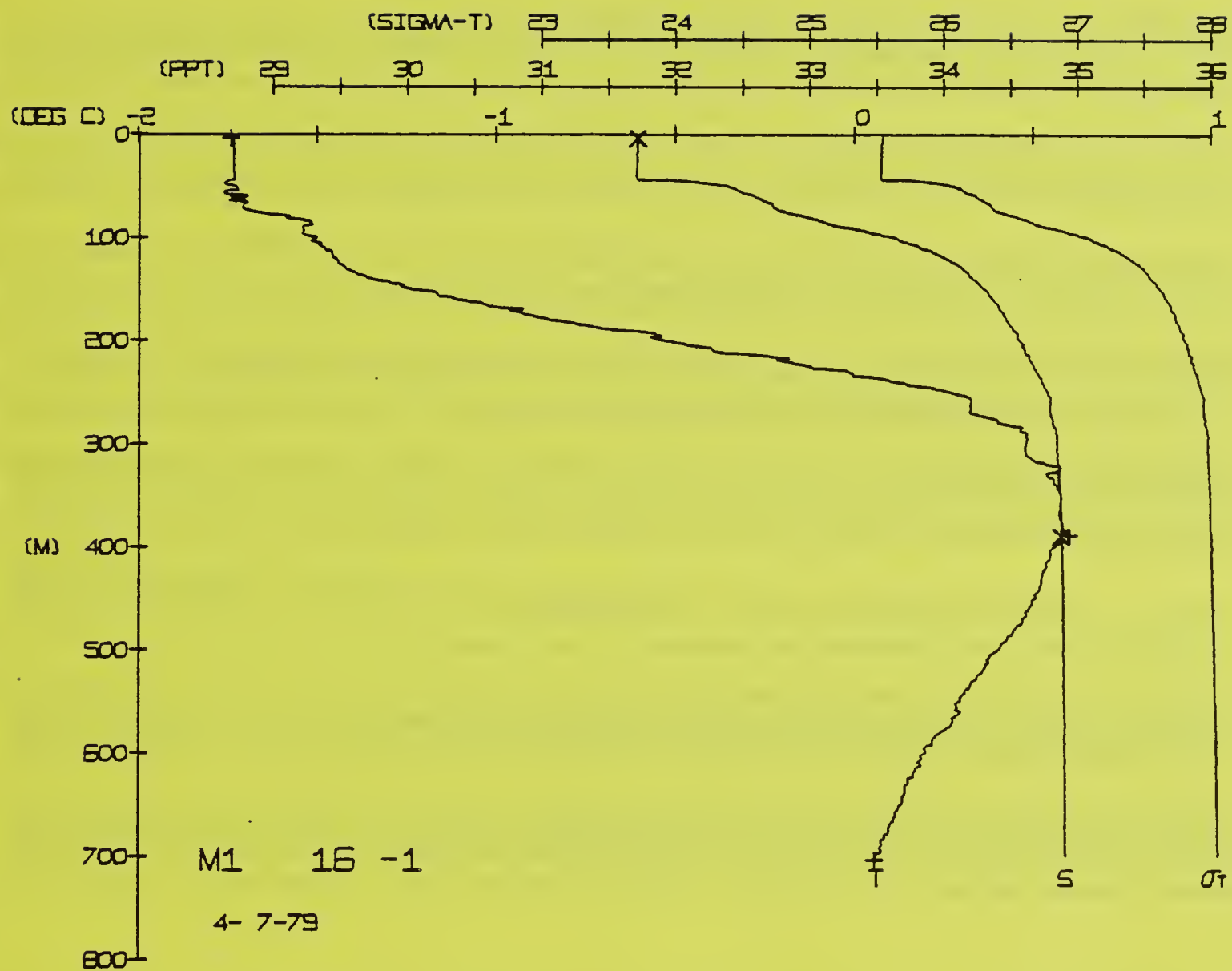
DEPTH 3.9  
390.0  
703.5

TEMP. -1.75  
0.60  
0.05

SALIN 31.71  
34.87

FRAM 1 STATION 17(1) CTD 7/APR/1979 1903 GMT CODE = 1  
LAT = 84.6324N LNG = 9.1386W LTER = 0. LGER = 0.  
AIR TEMP = -24.8 BAROM = 1030.0 WIND = 198.0 SPEED = 1.4

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.73	-1.73	31.69	25.52	247.3	0.007	1436.5
3.0	-1.73	-1.73	31.71	25.53	246.1	0.012	1436.6
5.0	-1.73	-1.73	31.71	25.53	246.5	0.025	1436.7
10.0	-1.73	-1.73	31.71	25.53	246.5	0.037	1436.7
15.0	-1.73	-1.73	31.71	25.53	246.5	0.050	1436.8
20.0	-1.73	-1.73	31.71	25.53	246.5	0.062	1436.9
25.0	-1.73	-1.73	31.71	25.53	246.5	0.074	1437.0
30.0	-1.73	-1.73	31.71	25.53	246.5	0.087	1437.1
35.0	-1.73	-1.73	31.71	25.53	246.5	0.099	1437.2
40.0	-1.73	-1.73	31.71	25.53	246.5	0.111	1437.5
45.0	-1.73	-1.73	31.71	25.53	246.5	0.122	1438.1
50.0	-1.73	-1.73	31.71	25.53	246.5	0.132	1438.5
55.0	-1.73	-1.73	31.71	25.53	246.5	0.141	1438.8
60.0	-1.73	-1.73	31.71	25.53	246.5	0.150	1438.9
65.0	-1.73	-1.73	31.71	25.53	246.5	0.158	1439.2
70.0	-1.73	-1.73	31.71	25.53	246.5	0.174	1440.0
80.0	-1.63	-1.63	31.71	25.53	246.5	0.189	1441.0
90.0	-1.50	-1.50	31.71	25.53	246.5	0.199	1441.8
100.0	-1.47	-1.47	31.71	25.53	246.5	0.208	1442.0
110.0	-1.42	-1.42	31.71	25.53	246.5	0.216	1443.0
120.0	-1.35	-1.35	31.71	25.53	246.5	0.224	1443.5
130.0	-1.23	-1.23	31.71	25.53	246.5	0.233	1444.4
140.0	-1.13	-1.13	31.71	25.53	246.5	0.242	1444.5
150.0	-1.03	-1.03	31.71	25.53	246.5	0.249	1444.8
160.0	-0.97	-0.97	31.71	25.53	246.5	0.251	1444.9
170.0	-0.88	-0.88	31.71	25.53	246.5	0.254	1445.0
180.0	-0.77	-0.77	31.71	25.53	246.5	0.257	1445.1
190.0	-0.66	-0.66	31.71	25.53	246.5	0.262	1445.2
200.0	-0.56	-0.56	31.71	25.53	246.5	0.264	1445.3
210.0	-0.49	-0.49	31.71	25.53	246.5	0.266	1445.4
220.0	-0.41	-0.41	31.71	25.53	246.5	0.268	1445.4
230.0	-0.34	-0.34	31.71	25.53	246.5	0.270	1445.4
240.0	-0.27	-0.27	31.71	25.53	246.5	0.272	1445.4
250.0	-0.19	-0.19	31.71	25.53	246.5	0.273	1445.4
260.0	0.10	0.10	31.71	25.53	246.5	0.276	1445.5
270.0	0.34	0.34	31.71	25.53	246.5	0.277	1445.7
280.0	0.41	0.41	31.71	25.53	246.5	0.278	1445.7
290.0	0.52	0.52	31.71	25.53	246.5	0.278	1445.7
300.0	0.55	0.55	31.71	25.53	246.5	0.278	1445.7
310.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
320.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
330.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
340.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
350.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
360.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
370.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
380.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
390.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
400.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
410.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
420.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
430.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
440.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
450.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
460.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
470.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
480.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
490.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
500.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
510.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
520.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
530.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
540.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
550.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
560.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
570.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
580.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
590.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
600.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
610.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
620.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
630.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
640.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
650.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
660.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
670.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
680.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
690.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7
700.0	0.57	0.57	31.71	25.53	246.5	0.278	1445.7





FRAM 1 STATION 18(1) CTD 8/APR/1979 707 GMT CODE = 1  
LAT = 84.6221N LNG = 9.1320W LTER = 1. LGER = 1.4  
AIR TEMP = -24.8 BAROM = 1034.0 WIND = 198.0 SPEED = 1.4

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.70	25.52	246.8	0.000	1436.5
3	-1.73	-1.73	31.70	25.52	246.7	0.007	1436.5
5	-1.73	-1.73	31.70	25.52	247.0	0.012	1436.6
10	-1.73	-1.73	31.69	25.52	247.3	0.025	1436.7
15	-1.73	-1.73	31.69	25.52	247.4	0.037	1436.8
20	-1.73	-1.73	31.69	25.52	247.5	0.050	1436.8
25	-1.73	-1.73	31.69	25.52	247.5	0.062	1436.9
30	-1.73	-1.73	31.69	25.52	247.5	0.075	1437.0
35	-1.73	-1.73	31.70	25.53	246.9	0.087	1437.1
40	-1.73	-1.73	31.71	25.53	246.7	0.100	1437.2
45	-1.74	-1.74	32.41	25.53	246.5	0.111	1437.3
50	-1.74	-1.74	32.41	25.53	246.5	0.121	1437.3
55	-1.77	-1.77	32.54	25.53	246.5	0.130	1437.4
60	-1.77	-1.77	32.60	25.53	246.5	0.148	1437.4
65	-1.78	-1.78	32.64	25.53	246.5	0.157	1437.4
70	-1.78	-1.78	32.64	25.53	246.5	0.173	1437.4
80	-1.75	-1.75	32.86	25.53	246.5	0.188	1437.4
90	-1.63	-1.63	33.11	25.53	246.5	0.200	1437.4
100	-1.54	-1.54	33.50	25.53	246.5	0.218	1437.4
110	-1.53	-1.53	33.77	25.53	246.5	0.225	1437.4
120	-1.47	-1.47	34.11	25.53	246.5	0.231	1437.4
130	-1.43	-1.43	34.21	25.53	246.5	0.241	1437.4
140	-1.37	-1.37	34.29	25.53	246.5	0.245	1437.4
150	-1.26	-1.26	34.36	25.53	246.5	0.252	1437.4
160	-1.13	-1.13	34.42	25.53	246.5	0.258	1437.4
170	-1.00	-1.00	34.47	25.53	246.5	0.264	1437.4
180	-0.77	-0.77	34.52	25.53	246.5	0.272	1437.4
190	-0.60	-0.60	34.57	25.53	246.5	0.279	1437.4
200	-0.48	-0.48	34.60	25.53	246.5	0.281	1437.4
210	-0.38	-0.38	34.65	25.53	246.5	0.283	1437.4
220	-0.11	-0.11	34.68	25.53	246.5	0.285	1437.4
230	-0.08	-0.08	34.72	25.53	246.5	0.286	1437.4
240	-0.05	-0.05	34.76	25.53	246.5	0.287	1437.4
250	0.23	0.23	34.81	25.53	246.5	0.288	1437.4
260	0.33	0.33	34.84	25.53	246.5	0.289	1437.4
270	0.40	0.40	34.85	25.53	246.5	0.290	1437.4
280	0.47	0.47	34.87	25.53	246.5	0.291	1437.4
290	0.49	0.49	34.88	25.53	246.5	0.292	1437.4
300	0.51	0.51	34.89	25.53	246.5	0.293	1437.4
310	0.54	0.54	34.89	25.53	246.5	0.294	1437.4
320	0.57	0.57	34.89	25.53	246.5	0.295	1437.4
330	0.58	0.58	34.89	25.53	246.5	0.296	1437.4
340	0.52	0.52	34.89	25.53	246.5	0.297	1437.4
350	0.50	0.50	34.89	25.53	246.5	0.298	1437.4
360	0.47	0.47	34.89	25.53	246.5	0.299	1437.4
370	0.43	0.43	34.89	25.53	246.5	0.300	1437.4
380	0.43	0.43	34.89	25.53	246.5	0.303	1437.4
390	0.39	0.39	34.90	25.53	246.5	0.305	1437.4
400	0.34	0.34	34.90	25.53	246.5	0.307	1437.4
410	0.29	0.29	34.90	25.53	246.5	0.308	1437.4
420	0.23	0.23	34.90	25.53	246.5	0.310	1437.4
430	0.19	0.19	34.90	25.53	246.5	0.312	1437.4
440	0.16	0.16	34.90	25.53	246.5	0.314	1437.4
450	0.13	0.13	34.90	25.53	246.5	0.316	1437.4
460	0.10	0.10	34.91	25.53	246.5	0.317	1437.4
470	0.07	0.07	34.91	25.53	246.5	0.319	1437.4
480	0.05	0.05	34.91	25.53	246.5	0.319	1437.4
490	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
500	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
510	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
520	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
530	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
540	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
550	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
560	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
570	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
580	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
590	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
600	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
610	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
620	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
630	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
640	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
650	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
660	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
670	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
680	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
690	0.04	0.04	34.91	25.53	246.5	0.319	1437.4
700	0.04	0.04	34.91	25.53	246.5	0.319	1437.4

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

DEPTH

TEMP.

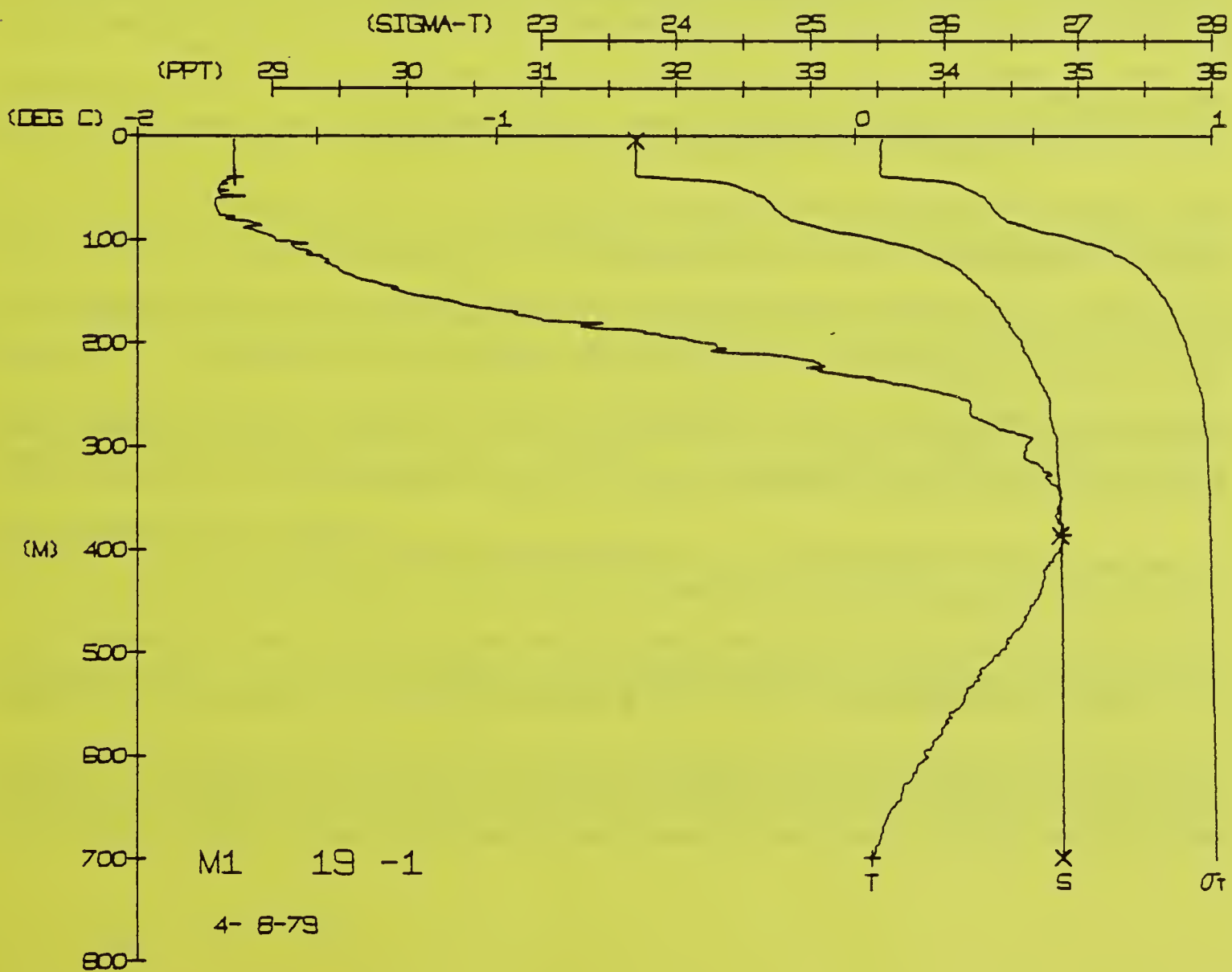
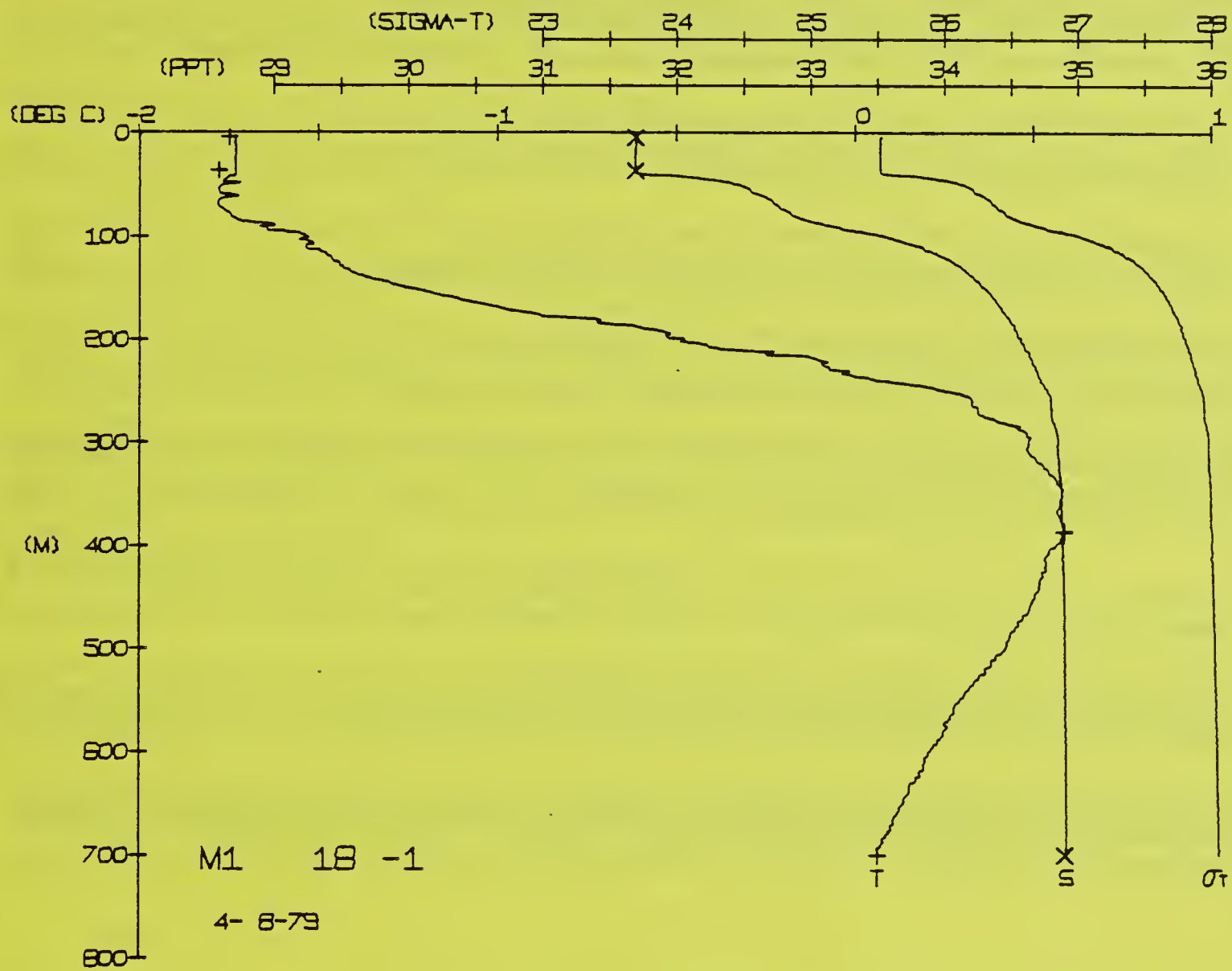
SALIN

-1.75  
-1.78  
0.58  
0.06

31.69  
31.69  
34.90  
34.90

FRAM 1 STATION 19(1) CTD 8/APR/1979 1933 GMT CODE = 1  
LAT = 84.6023N LNG = 9.1785W LTER = 0. LGER = 4.0  
AIR TEMP = BAROM = 1040.7 WIND = 320.0 SPEED =

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	3.00	-1.73	31.71	25.53	246.4	0.008	1436.5
3	3.00	-1.73	31.71	25.53	246.4	0.012	1436.6
5	3.00	-1.73	31.70	25.53	246.6	0.025	1436.7
10	3.00	-1.73	31.70	25.53	246.6	0.037	1436.8
15	3.00	-1.73	31.70	25.53	246.6	0.050	1436.8
20	3.00	-1.73	31.70	25.53	246.6	0.062	1436.9
25	3.00	-1.73	31.70	25.53	246.6	0.074	1437.0
30	3.00	-1.73	31.70	25.53	246.6	0.087	1437.1
35	3.00	-1.73	31.76	25.57	246.8	0.097	1437.2
40	3.00	-1.74	32.30	25.57	246.8	0.110	1437.2
45	3.00	-1.77	32.47	25.57	246.8	0.120	1437.2
50	3.00	-1.77	32.56	25.57	246.8	0.129	1437.2
55	3.00	-1.78	32.65	25.57	246.8	0.138	1437.2
60	3.00	-1.78	32.70	25.57	246.8	0.147	1437.2
65	3.00	-1.78	32.73	25.57	246.8	0.155	1437.2
70	3.00	-1.76	32.84	25.57	246.8	0.172	1437.2
80	3.00	-1.75	33.09	25.57	246.8	0.187	1437.2
90	3.00	-1.69	33.48	25.57	246.8	0.199	1437.2
100	3.00	-1.62	33.78	25.57	246.8	0.209	1437.2
110	3.00	-1.56	34.12	25.57	246.8	0.217	1437.2
120	3.00	-1.47	34.21	25.57	246.8	0.224	1437.2
130	3.00	-1.44	34.29	25.57	246.8	0.230	1437.2
140	3.00	-1.36	34.37	25.57	246.8	0.235	1437.2
150	3.00	-1.27	34.42	25.57	246.8	0.240	1437.2
160	3.00	-1.13	34.47	25.57	246.8	0.244	1437.2
170	3.00	-0.96	34.52	25.57	246.8	0.248	1437.2
180	3.00	-0.84	34.57	25.57	246.8	0.251	1437.2
190	3.00	-0.58	34.60	25.57	246.8	0.254	1437.2
200	3.00	-0.43	34.65	25.57	246.8	0.257	1437.2
210	3.00	-0.36	34.68	25.57	246.8	0.260	1437.2
220	3.00	-0.10	34.72	25.57	246.8	0.262	1437.2
230	3.00	0.07	34.77	25.57	246.8	0.265	1437.2
240	3.00	0.10	34.81	25.57	246.8	0.267	1437.2
250	3.00	0.25	34.84	25.57	246.8	0.269	1437.2
260	3.00	0.32	34.85	25.57	246.8	0.270	1437.2
270	3.00	0.37	34.87	25.57	246.8	0.272	1437.2
280	3.00	0.47	34.87	25.57	246.8	0.274	1437.2
290	3.00	0.48	34.87	25.57	246.8	0.275	1437.2
300	3.00	0.48	34.87	25.57	246.8	0.277	1437.2
310	3.00	0.54	34.87	25.57	246.8	0.278	1437.2
320	3.00	0.54	34.85	25.57	246.8	0.280	1437.2
330	3.00	0.57	34.87	25.57	246.8	0.281	1437.2
340	3.00	0.55	34.87	25.57	246.8	0.282	1437.2
350	3.00	0.57	34.87	25.57	246.8	0.285	1437.2
360	3.00	0.59	34.87	25.57	246.8	0.288	1437.2
370	3.00	0.54	34.87	25.57	246.8	0.290	1437.2
380	3.00	0.51	34.87	25.57	246.8	0.293	1437.2
390	3.00	0.45	34.87	25.57	246.8	0.297	1437.2
400	3.00	0.49	34.87	25.57	246.8	0.295	1437.2
410	3.00	0.53	34.87	25.57	246.8	0.297	1437.2
420	3.00	0.51	34.87	25.57	246.8	0.295	1437.2
430	3.00	0.47	34.87	25.57	246.8	0.295	1437.2
440	3.00	0.43	34.87	25.57	246.8	0.295	1437.2
450	3.00	0.43	34.87	25.57	246.8	0.295	1437.2
460	3.00	0.38	34.87	25.57	246.8	0.295	1437.2
470	3.00	0.38	34.87	25.57	246.8	0.295	1437.2
480	3.00	0.36	34.87	25.57	246.8	0.295	1437.2
490	3.00	0.31	34.87	25.57	246.8	0.295	1437.2
500	3.00	0.28	34.87	25.57	246.8	0.295	1437.2
510	3.00	0.26	34.87	25.57	246.8	0.295	1437.2
520	3.00	0.23	34.87	25.57	246.8	0.295	1437.2
530	3.00	0.23	34.87	25.57	246.8	0.295	1437.2
540	3.00	0.19	34.87	25.57	246.8	0.295	1437.2
550	3.00	0.15	34.87	25.57	246.8	0.295	1437.2
560	3.00	0.11	34.87	25.57	246.8	0.295	1437.2
570	3.00	0.08	34.87	25.57	246.8	0.295	1437.2
580	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
590	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
600	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
610	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
620	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
630	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
640	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
650	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
660	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
670	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
680	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
690	3.00	0.05	34.87	25.57	246.8	0.295	1437.2
700	3.00	0.05	34.87	25.57	246.8	0.295	1437.2





FRAM 1 STATION 20(1) CTD 9/APR/1979 725 GMT CODE = 1  
LAT = 84. 6006N LNG = 9.1814W LTER = 1. LGER = 1.  
AIR TEMP = BAROM = 1043.6 WIND = 320.0 SPEED = 4.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.70	25.52	246.9	0.000	1436.5
0	-1.73	-1.73	31.70	25.52	246.9	0.007	1436.5
0	-1.73	-1.73	31.69	25.52	247.6	0.012	1436.6
0	-1.73	-1.73	31.69	25.51	247.9	0.025	1436.6
0	-1.73	-1.73	31.68	25.51	247.9	0.037	1436.7
0	-1.73	-1.73	31.68	25.51	247.9	0.050	1436.8
0	-1.73	-1.73	31.69	25.52	247.8	0.062	1436.9
0	-1.73	-1.73	31.69	25.51	247.4	0.075	1437.0
0	-1.74	-1.74	31.84	25.51	2235.7	0.099	1437.1
0	-1.74	-1.74	31.84	25.51	2235.7	0.110	1437.3
0	-1.76	-1.77	32.36	26.06	1995.7	0.110	1438.0
0	-1.76	-1.77	32.55	26.21	181.9	0.120	1438.5
0	-1.78	-1.78	32.69	26.28	170.9	0.129	1438.5
0	-1.78	-1.79	32.71	26.35	168.1	0.137	1438.7
0	-1.79	-1.79	32.74	26.37	166.4	0.146	1438.8
0	-1.79	-1.79	32.84	26.44	158.7	0.154	1439.3
0	-1.76	-1.76	32.09	26.64	139.8	0.171	1439.4
0	-1.63	-1.62	33.46	26.94	111.4	0.186	1440.1
0	-1.56	-1.56	33.75	27.18	88.9	0.209	1442.0
0	-1.51	-1.52	33.96	27.35	73.3	0.217	1442.7
0	-1.43	-1.43	34.13	27.48	60.9	0.223	1443.5
0	-1.35	-1.36	34.22	27.55	53.7	0.229	1444.2
0	-1.23	-1.24	34.36	27.61	43.2	0.234	1444.5
0	-1.14	-1.14	34.41	27.70	40.9	0.239	1444.5
0	-1.01	-1.02	34.48	27.74	35.9	0.243	1444.6
0	-0.80	-0.81	34.52	27.77	32.9	0.247	1444.7
0	-0.66	-0.66	34.57	27.80	30.3	0.251	1444.8
0	-0.51	-0.52	34.61	27.83	27.9	0.254	1444.9
0	-0.38	-0.39	34.65	27.85	25.6	0.257	1445.0
0	-0.18	-0.18	34.72	27.90	23.4	0.259	1445.1
0	0.04	0.03	34.77	27.92	19.1	0.262	1445.2
0	0.24	0.23	34.79	27.94	17.6	0.266	1445.3
0	0.33	0.32	34.81	27.95	16.5	0.270	1445.4
0	0.40	0.39	34.84	27.97	15.1	0.271	1445.5
0	0.48	0.47	34.85	27.98	14.7	0.273	1445.6
0	0.49	0.47	34.85	27.98	14.4	0.276	1445.6
0	0.52	0.51	34.85	27.98	14.2	0.278	1445.7
0	0.54	0.53	34.86	27.98	14.0	0.279	1445.7
0	0.57	0.55	34.87	27.99	13.5	0.282	1445.7
0	0.58	0.57	34.87	27.99	13.0	0.284	1445.7
0	0.58	0.57	34.87	27.99	12.3	0.287	1445.8
0	0.55	0.53	34.88	28.00	11.2	0.289	1445.8
0	0.55	0.53	34.88	28.01	11.1	0.292	1445.8
0	0.52	0.48	34.89	28.01	11.1	0.294	1445.9
0	0.50	0.44	34.89	28.01	11.1	0.296	1445.9
0	0.47	0.44	34.90	28.02	10.7	0.299	1445.9
0	0.42	0.40	34.90	28.02	10.2	0.301	1445.9
0	0.37	0.35	34.90	28.03	9.9	0.303	1445.9
0	0.33	0.26	34.90	28.03	9.6	0.305	1445.9
0	0.25	0.18	34.90	28.03	9.4	0.307	1445.9
0	0.21	0.15	34.90	28.04	8.8	0.309	1445.9
0	0.18	0.12	34.90	28.04	8.1	0.312	1446.0
0	0.15	0.09	34.90	28.04	7.7	0.314	1446.0
0	0.09	0.06	34.91	28.05	7.6	0.315	1446.0
0	0.07	0.04	34.91	28.05	7.3	0.317	1446.0

BOT NUM = 1 3.5  
BOT NUM = 2 43.1  
BOT NUM = 3 386.4  
BOT NUM = 4 702.1

TEMP. -1.76  
0.58  
0.05

SALIN 32.25  
34.87  
34.90

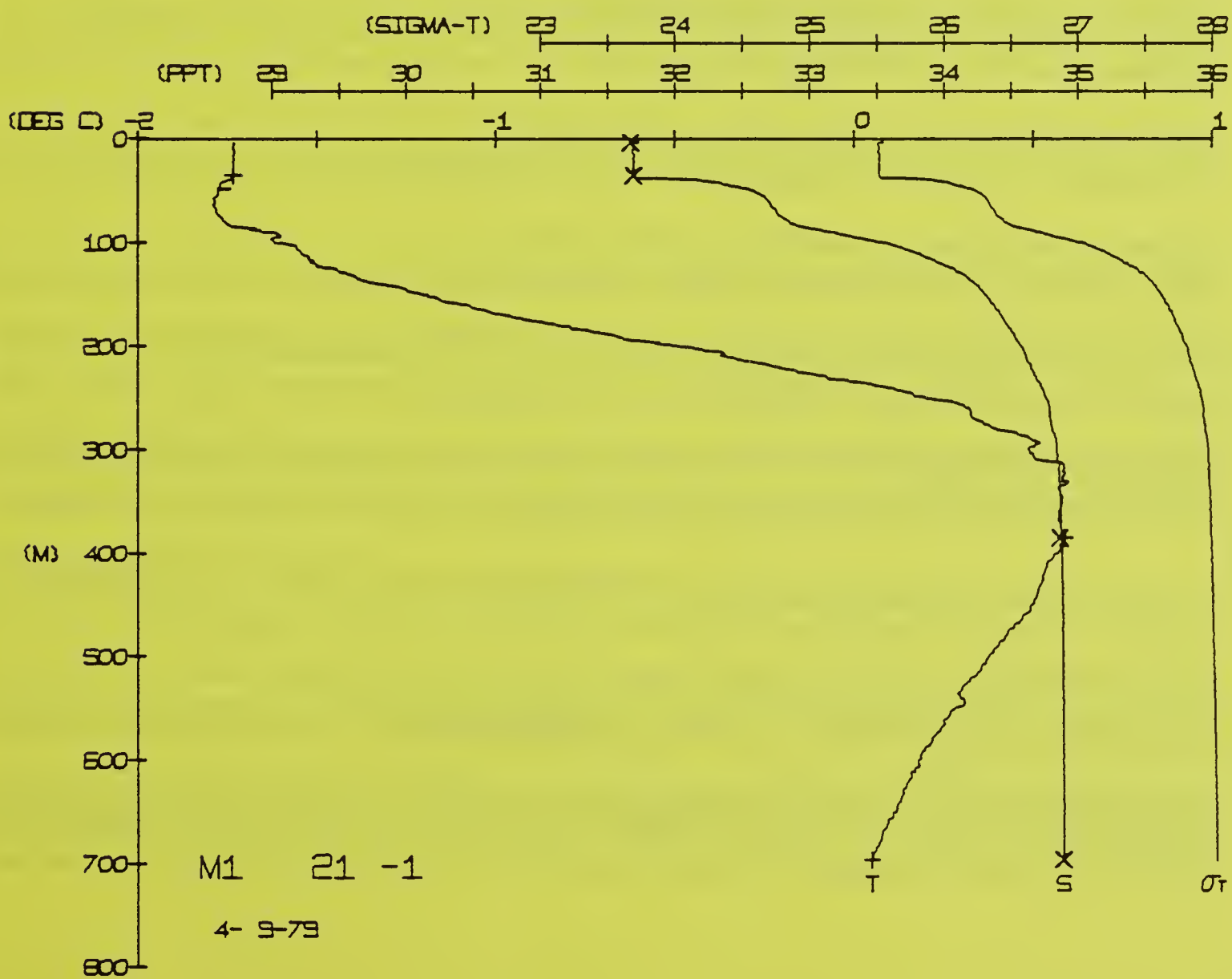
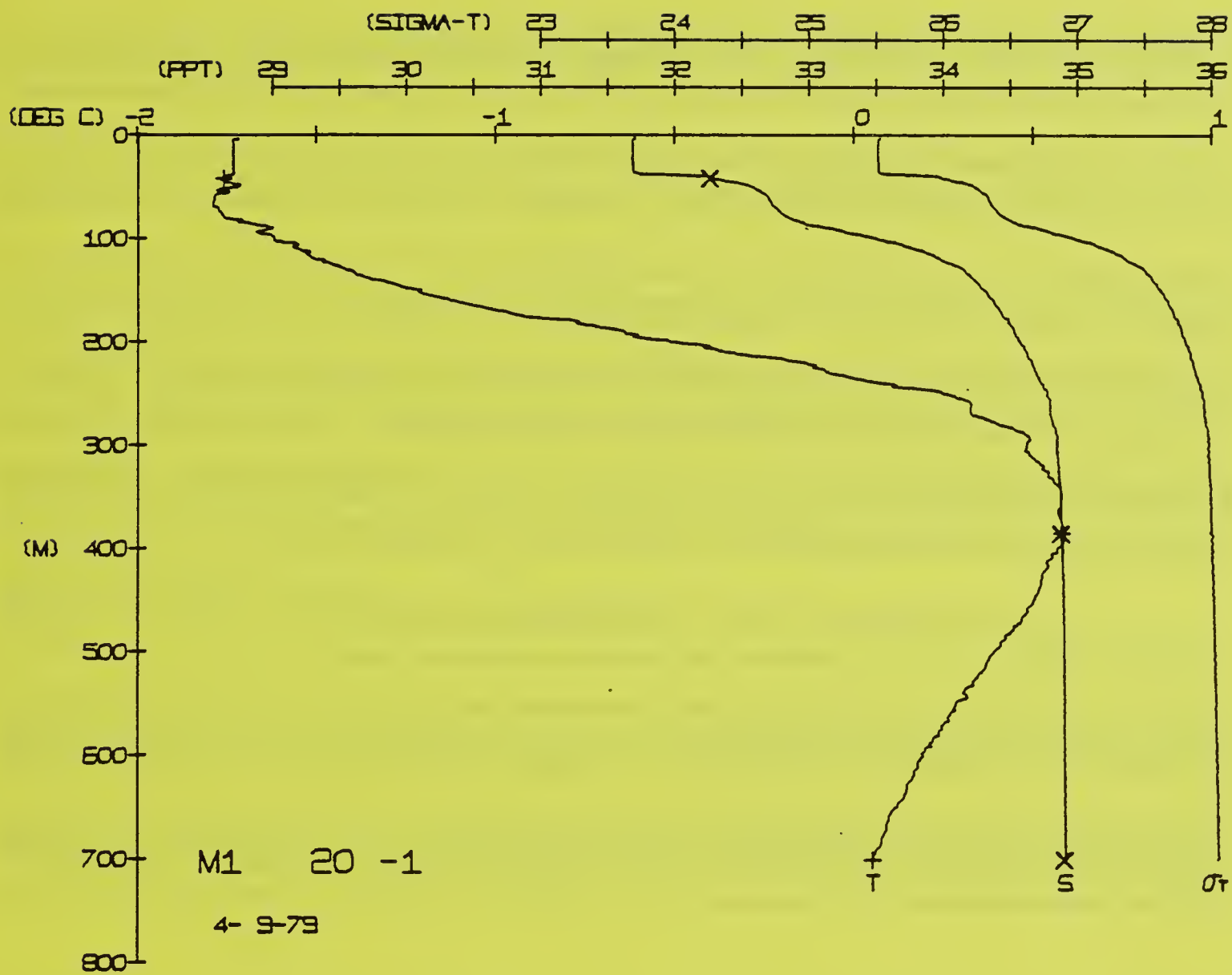
FRAM 1 STATION 21(1) CTD 9/APR/1979 1923 GMT CODE = 1  
LAT = 84. 5977N LNG = 9.1676W LTER = 0. LGER = 0.  
AIR TEMP = -28.0 BAROM = 1044.6 WIND = 163.0 SPEED = 1.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.70	25.52	247.2	0.000	1436.5
0	-1.73	-1.73	31.70	25.52	247.3	0.007	1436.5
0	-1.73	-1.73	31.69	25.51	247.8	0.012	1436.6
0	-1.73	-1.73	31.69	25.52	247.1	0.025	1436.6
0	-1.73	-1.73	31.69	25.52	247.2	0.037	1436.7
0	-1.73	-1.73	31.69	25.52	247.1	0.050	1436.8
0	-1.73	-1.73	31.69	25.52	247.1	0.062	1436.9
0	-1.73	-1.73	31.70	25.53	246.3	0.075	1437.0
0	-1.75	-1.75	32.10	25.84	216.0	0.087	1437.1
0	-1.77	-1.77	32.37	26.07	194.7	0.099	1437.6
0	-1.77	-1.77	32.55	26.21	181.2	0.109	1438.0
0	-1.78	-1.78	32.64	26.29	173.2	0.119	1438.3
0	-1.78	-1.78	32.69	26.33	170.2	0.128	1438.5
0	-1.79	-1.79	32.72	26.35	168.0	0.136	1438.7
0	-1.78	-1.78	32.75	26.37	165.5	0.145	1438.8
0	-1.76	-1.76	32.84	26.45	158.3	0.153	1439.3
0	-1.66	-1.66	33.11	26.66	138.1	0.164	1440.0
0	-1.62	-1.62	33.50	26.98	108.0	0.184	1440.1
0	-1.55	-1.55	33.78	27.20	87.0	0.197	1441.1
0	-1.51	-1.51	33.96	27.34	73.3	0.207	1442.1
0	-1.42	-1.43	34.12	27.48	60.9	0.215	1443.5
0	-1.34	-1.35	34.23	27.56	52.9	0.221	1443.7
0	-1.22	-1.23	34.37	27.66	47.6	0.227	1444.5
0	-1.11	-1.11	34.42	27.70	43.1	0.232	1444.5
0	-0.99	-0.99	34.47	27.74	39.3	0.237	1444.6
0	-0.87	-0.84	34.53	27.78	36.0	0.241	1444.7
0	-0.67	-0.68	34.57	27.81	32.9	0.245	1444.8
0	-0.50	-0.51	34.61	27.83	29.9	0.251	1444.9
0	-0.37	-0.38	34.65	27.86	27.5	0.254	1445.0
0	-0.23	-0.24	34.69	27.88	25.3	0.257	1445.1
0	0.09	0.10	34.73	27.90	23.0	0.259	1445.2
0	0.19	0.18	34.76	27.92	19.3	0.264	1445.3
0	0.31	0.30	34.79	27.94	17.7	0.266	1445.4
0	0.33	0.32	34.80	27.94	17.3	0.267	1445.4
0	0.39	0.38	34.81	27.97	16.4	0.269	1445.5
0	0.49	0.47	34.84	27.98	15.4	0.272	1445.6
0	0.50	0.49	34.85	27.98	14.4	0.274	1445.6
0	0.55	0.57	34.85	27.98	14.0	0.277	1445.7
0	0.58	0.56	34.87	27.99	13.5	0.278	1445.7
0	0.58	0.56	34.87	27.99	13.1	0.279	1445.7
0	0.57	0.55	34.87	28.00	12.9	0.282	1445.8
0	0.54	0.52	34.89	28.01	12.1	0.284	1445.8
0	0.52	0.48	34.89	28.01	11.1	0.287	1445.8
0	0.50	0.43	34.89	28.02	11.0	0.292	1445.8
0	0.45	0.38	34.90	28.02	10.5	0.294	1445.9
0	0.40	0.34	34.90	28.02	10.1	0.296	1445.9
0	0.36	0.28	34.90	28.03	9.9	0.300	1445.9
0	0.29	0.22	34.90	28.03	9.6	0.302	1445.9
0	0.25	0.17	34.90	28.04	8.8	0.304	1445.9
0	0.17	0.11	34.90	28.04	8.1	0.307	1446.0
0	0.14	0.09	34.90	28.04	7.7	0.309	1446.0
0	0.08	0.05	34.91	28.05	7.3	0.311	1446.0
0	0.06	0.03	34.91	28.05	7.3	0.312	1446.0
0	0.06	0.03	34.91	28.05	7.3	0.314	1446.0

BOT NUM = 1 3.9  
BOT NUM = 2 35.1  
BOT NUM = 3 385.8  
BOT NUM = 4 697.1

TEMP. -1.74  
0.59  
0.05

SALIN 31.67  
31.69  
34.87





FRAM 1 STATION 22(1) CTD 10/APR/1979 700 GMT CODE = 1  
LAT = 84.5965N LNG = 9.1251W LTER = 1. LGER = 2.  
AIR TEMP = -28.0 BAROM = 1041.2 WIND = 163.0 SPEED = 1.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.73	-1.73	31.65	25.49	250.4	0.000	1436.4
0.1	-1.73	-1.73	31.65	25.49	250.3	0.008	1436.5
3.0	-1.73	-1.73	31.64	25.48	250.8	0.013	1436.5
5.0	-1.73	-1.73	31.64	25.48	251.0	0.025	1436.6
10.0	-1.73	-1.73	31.64	25.48	251.2	0.038	1436.7
15.0	-1.73	-1.73	31.65	25.48	251.1	0.051	1436.8
20.0	-1.73	-1.73	31.65	25.48	250.7	0.063	1436.8
25.0	-1.73	-1.73	31.66	25.49	250.0	0.076	1436.9
30.0	-1.73	-1.73	31.84	25.63	236.1	0.088	1437.3
35.0	-1.73	-1.73	32.25	26.11	204.1	0.099	1437.9
40.0	-1.75	-1.75	32.42	26.21	191.1	0.109	1438.2
45.0	-1.78	-1.78	32.55	26.25	181.1	0.118	1438.5
50.0	-1.78	-1.78	32.67	26.31	177.5	0.127	1438.8
55.0	-1.79	-1.79	32.72	26.35	167.9	0.136	1438.7
60.0	-1.79	-1.79	32.75	26.44	165.2	0.145	1438.9
65.0	-1.78	-1.78	32.83	26.66	159.0	0.153	1439.3
70.0	-1.76	-1.76	33.11	26.99	138.2	0.170	1440.4
80.0	-1.64	-1.64	33.51	27.23	107.1	0.184	1441.4
90.0	-1.54	-1.54	33.82	27.36	84.0	0.197	1442.2
100.0	-1.54	-1.54	33.97	27.49	72.1	0.206	1442.8
110.0	-1.50	-1.50	34.14	27.55	59.7	0.214	1442.5
120.0	-1.44	-1.44	34.22	27.62	47.3	0.221	1443.1
130.0	-1.36	-1.36	34.38	27.72	35.6	0.227	1444.5
140.0	-1.21	-1.21	34.44	27.78	33.7	0.232	1445.1
150.0	-1.11	-1.11	34.48	27.81	32.9	0.236	1445.9
160.0	-0.95	-0.95	34.53	27.83	32.9	0.240	1446.6
170.0	-0.83	-0.84	34.57	27.86	32.9	0.244	1447.6
180.0	-0.63	-0.53	34.61	27.88	27.4	0.251	1448.5
190.0	-0.52	-0.38	34.66	27.90	25.1	0.254	1449.5
200.0	-0.38	-0.18	34.72	27.92	23.4	0.256	1450.4
210.0	-0.17	-0.12	34.79	27.94	21.5	0.263	1451.6
220.0	-0.11	0.04	34.85	27.96	19.7	0.265	1452.1
230.0	0.05	0.23	34.87	27.98	17.4	0.267	1453.1
240.0	0.24	0.31	34.88	27.98	16.1	0.270	1454.4
250.0	0.32	0.40	34.89	27.99	14.7	0.271	1455.6
260.0	0.33	0.40	34.89	27.99	14.4	0.273	1456.6
270.0	0.41	0.47	34.89	27.99	14.5	0.274	1457.7
280.0	0.50	0.49	34.89	27.99	13.9	0.276	1457.7
290.0	0.48	0.47	34.89	27.99	13.7	0.277	1457.7
300.0	0.48	0.47	34.89	27.99	13.1	0.278	1457.7
310.0	0.48	0.47	34.89	27.99	12.1	0.281	1457.7
320.0	0.52	0.51	34.89	27.99	11.3	0.284	1457.7
330.0	0.55	0.54	34.89	27.99	11.2	0.285	1457.7
340.0	0.57	0.55	34.89	27.99	11.0	0.286	1457.7
350.0	0.58	0.56	34.89	27.99	10.9	0.289	1457.7
360.0	0.54	0.52	34.89	27.99	10.6	0.293	1457.7
370.0	0.54	0.51	34.89	27.99	10.3	0.295	1457.7
380.0	0.52	0.47	34.89	27.99	10.0	0.297	1457.7
390.0	0.46	0.39	34.89	27.99	9.9	0.299	1457.7
400.0	0.40	0.34	34.89	27.99	9.8	0.301	1457.7
410.0	0.36	0.30	34.89	27.99	9.8	0.305	1457.7
420.0	0.32	0.27	34.89	27.99	9.8	0.307	1457.7
430.0	0.22	0.19	34.89	27.99	9.8	0.310	1457.7
440.0	0.19	0.17	34.89	27.99	9.8	0.312	1457.7
450.0	0.17	0.14	34.89	27.99	9.8	0.313	1457.7
460.0	0.13	0.10	34.89	27.99	9.8	0.315	1457.7
470.0	0.07	0.04	34.89	27.99	9.8	0.317	1457.7
480.0	0.05	0.02	34.89	27.99	9.8	0.319	1457.7
490.0	0.05	0.02	34.89	27.99	9.8	0.321	1457.7
500.0	0.05	0.02	34.89	27.99	9.8	0.323	1457.7
510.0	0.05	0.02	34.89	27.99	9.8	0.325	1457.7
520.0	0.05	0.02	34.89	27.99	9.8	0.327	1457.7
530.0	0.05	0.02	34.89	27.99	9.8	0.329	1457.7
540.0	0.05	0.02	34.89	27.99	9.8	0.331	1457.7
550.0	0.05	0.02	34.89	27.99	9.8	0.333	1457.7
560.0	0.05	0.02	34.89	27.99	9.8	0.335	1457.7
570.0	0.05	0.02	34.89	27.99	9.8	0.337	1457.7
580.0	0.05	0.02	34.89	27.99	9.8	0.339	1457.7
590.0	0.05	0.02	34.89	27.99	9.8	0.341	1457.7
600.0	0.05	0.02	34.89	27.99	9.8	0.343	1457.7

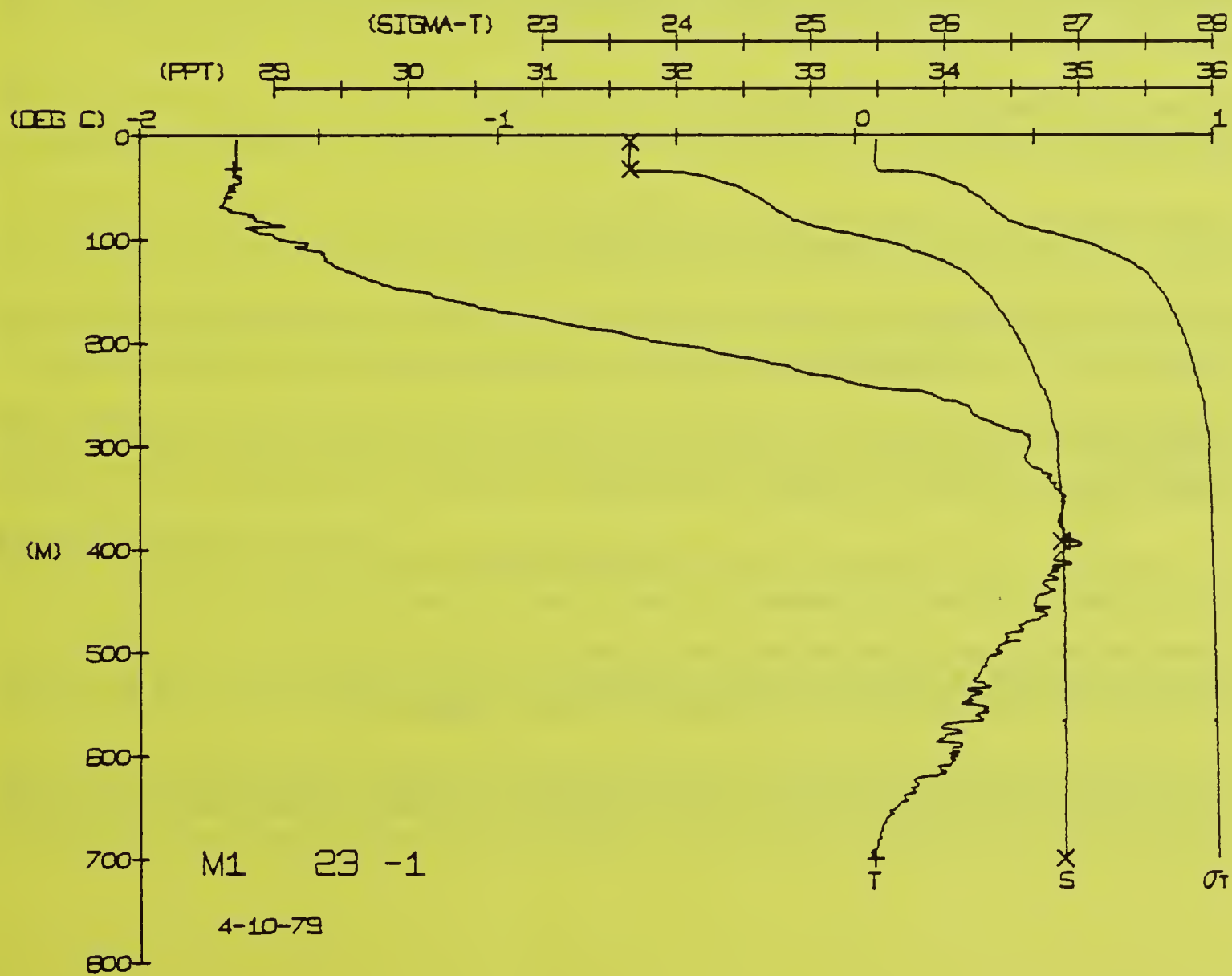
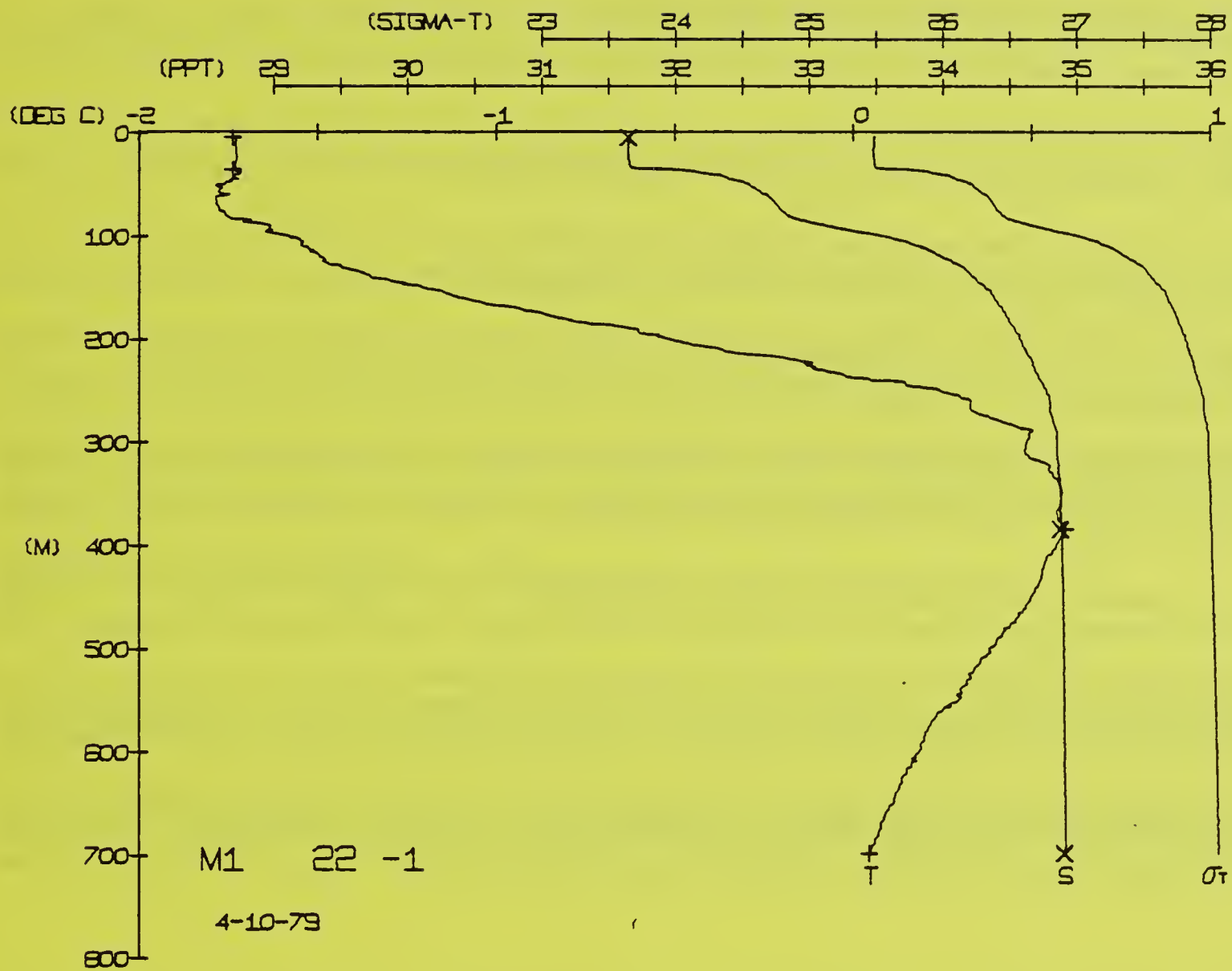
BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
DEPTH 3.7  
TEMP -1.74  
SALIN 31.64  
34.7  
384.5  
698.9  
0.04  
34.87  
34.90

FRAM 1 STATION 23(1) CTD 10/APR/1979 1821 GMT CODE = 1  
LAT = 84.5856N LNG = 8.9472W LTER = 40. LGER = 82.  
AIR TEMP = BAROM = 1040.8 WIND = SPEED =

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.70	-1.70	31.66	25.49	249.7	0.008	1436.6
3.0	-1.70	-1.70	31.66	25.49	249.6	0.013	1436.6
5.0	-1.70	-1.70	31.65	25.48	250.0	0.025	1436.6
10.0	-1.73	-1.73	31.65	25.48	250.7	0.038	1436.6
15.0	-1.73	-1.73	31.64	25.48	250.9	0.050	1436.6
20.0	-1.73	-1.73	31.64	25.48	250.7	0.063	1436.6
25.0	-1.73	-1.73	31.64	25.49	250.0	0.076	1436.6
30.0	-1.73	-1.73	31.66	25.49	250.0	0.088	1436.6
35.0	-1.73	-1.73	32.01	25.78	222.8	0.098	1437.7
40.0	-1.73	-1.73	32.35	26.05	196.6	0.108	1438.2
45.0	-1.74	-1.74	32.48	26.15	181.4	0.118	1438.5
50.0	-1.76	-1.76	32.54	26.21	176.0	0.127	1438.8
55.0	-1.77	-1.77	32.61	26.31	171.9	0.136	1438.8
60.0	-1.77	-1.77	32.67	26.35	167.7	0.145	1439.7
65.0	-1.76	-1.76	32.86	26.46	157.3	0.154	1439.7
70.0	-1.68	-1.68	33.11	26.67	137.6	0.170	1440.1
80.0	-1.61	-1.61	33.47	26.95	110.4	0.185	1441.1
90.0	-1.53	-1.53	33.74	27.17	89.9	0.197	1442.1
100.0	-1.48	-1.48	33.96	27.35	72.9	0.208	1442.9
110.0	-1.43	-1.43	34.12	27.48	60.8	0.216	1443.5
120.0	-1.35	-1.35	34.22	27.55	47.4	0.223	1444.1
130.0	-1.23	-1.23	34.36	27.61	39.6	0.233	1444.5
140.0	-1.13	-1.13	34.42	27.70	32.7	0.242	1444.7
150.0	-1.00	-1.00	34.53	27.78	35.9	0.246	1444.8
160.0	-0.84	-0.84	34.64	27.85	27.9	0.250	1444.9
170.0	-0.67	-0.67	34.75	27.92	19.0	0.253	1445.1
180.0	-0.55	-0.55	34.81	27.94	18.5	0.256	1445.2
190.0	-0.38	-0.38	34.79	27.95	17.6	0.267	1445.4
200.0	-0.24	-0.24	34.85	27.97	16.5	0.269	1445.4
210.0	-0.13	-0.13	34.87	27.98	14.7	0.272	1445.6
220.0	0.01	0.01	34.85	27.98	14.4	0.275	1445.6
230.0	0.13	0.13	34.87	27.99	13.3	0.278	1445.7
240.0	0.20	0.20	34.87	27.99	13.6	0.281	1445.7
250.0	0.30	0.30	34.87	27.99	13.2	0.284	1445.7
260.0	0.33	0.33	34.88	28.00	12.1	0.286	1445.8
270.0	0.39	0.39	34.89	28.01	11.1	0.289	1445.8
280.0	0.48	0.48	34.89	28.01	11.1	0.294	1445.8
290.0	0.48	0.47	34.89	28.01	11.1	0.296	1445.9
300.0	0.48	0.47	34.89	28.01	11.1	0.297	1445.9
310.0	0.48	0.47	34.89	28.01	11.1	0.300	1445.9
320.0	0.49	0.48	34.89	28.01	11.1	0.302	1445.9
330.0	0.55	0.54	34.89	28.03	9.9	0.304	1445.9
340.0	0.56	0.54	34.90	28.03	8.8	0.306	1446.0
350.0	0.57	0.57	34.91	28.04	8.8	0.308	1446.0
360.0	0.57	0.57	34.91	28.04	8.8	0.310	1446.0
370.0	0.57	0.57	34.91	28.04	8.8	0.311	1446.0
380.0	0.57	0.57	34.91	28.04	8.8	0.312	1446.0
390.0	0.57	0.57	34.91	28.04	8.8	0.313	1446.0
400.0	0.57	0.57	34.91	28.04	8.8	0.315	1446.0
410.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
420.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
430.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
440.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
450.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
460.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
470.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
480.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
490.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
500.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
510.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
520.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
530.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
540.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
550.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
560.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
570.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
580.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
590.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0
600.0	0.57	0.57	34.91	28.04	8.8	0.316	1446.0

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
DEPTH 4.8  
TEMP -1.74  
SALIN 31.65  
31.4  
392.9  
699.9  
0.05  
34.87  
34.90





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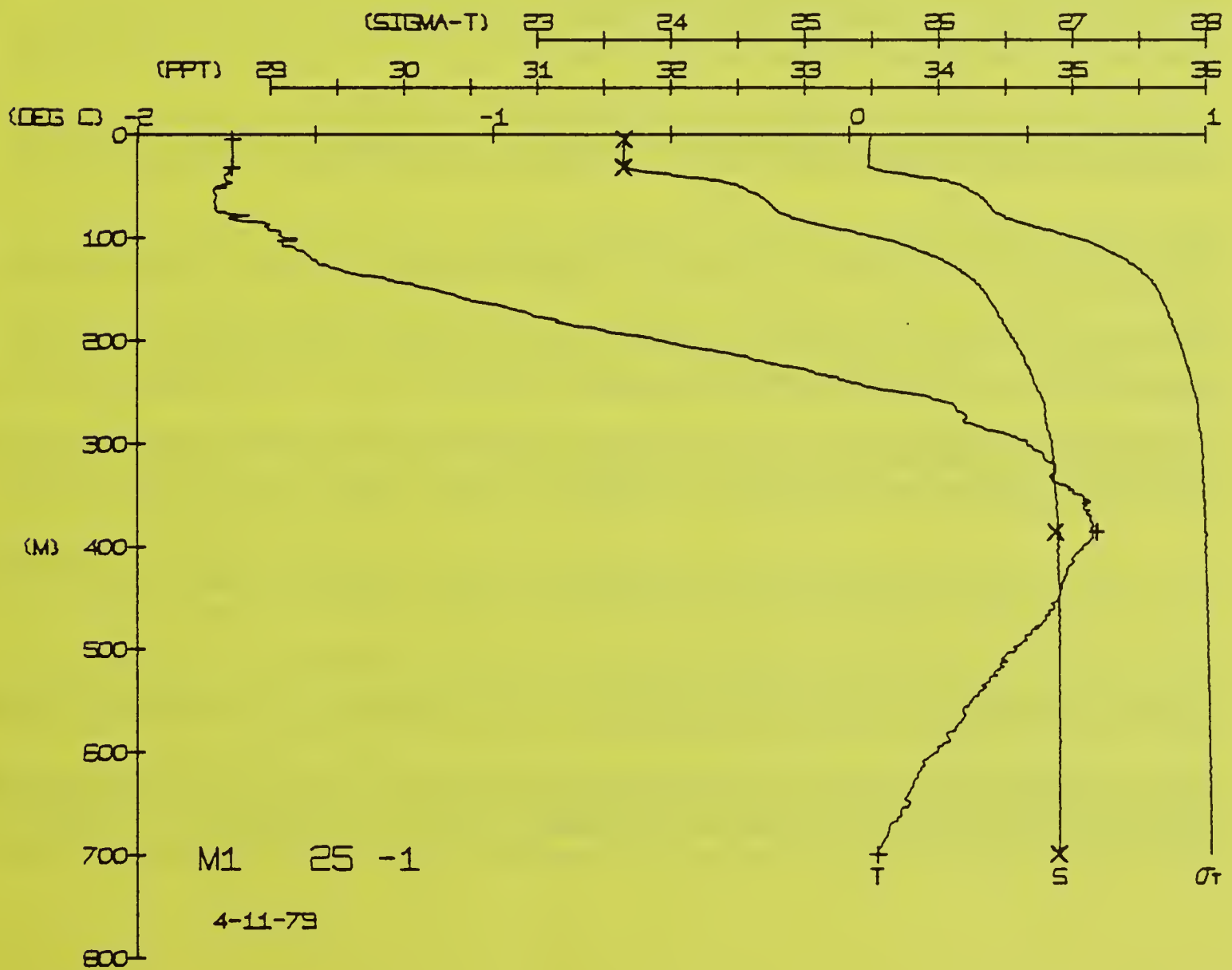
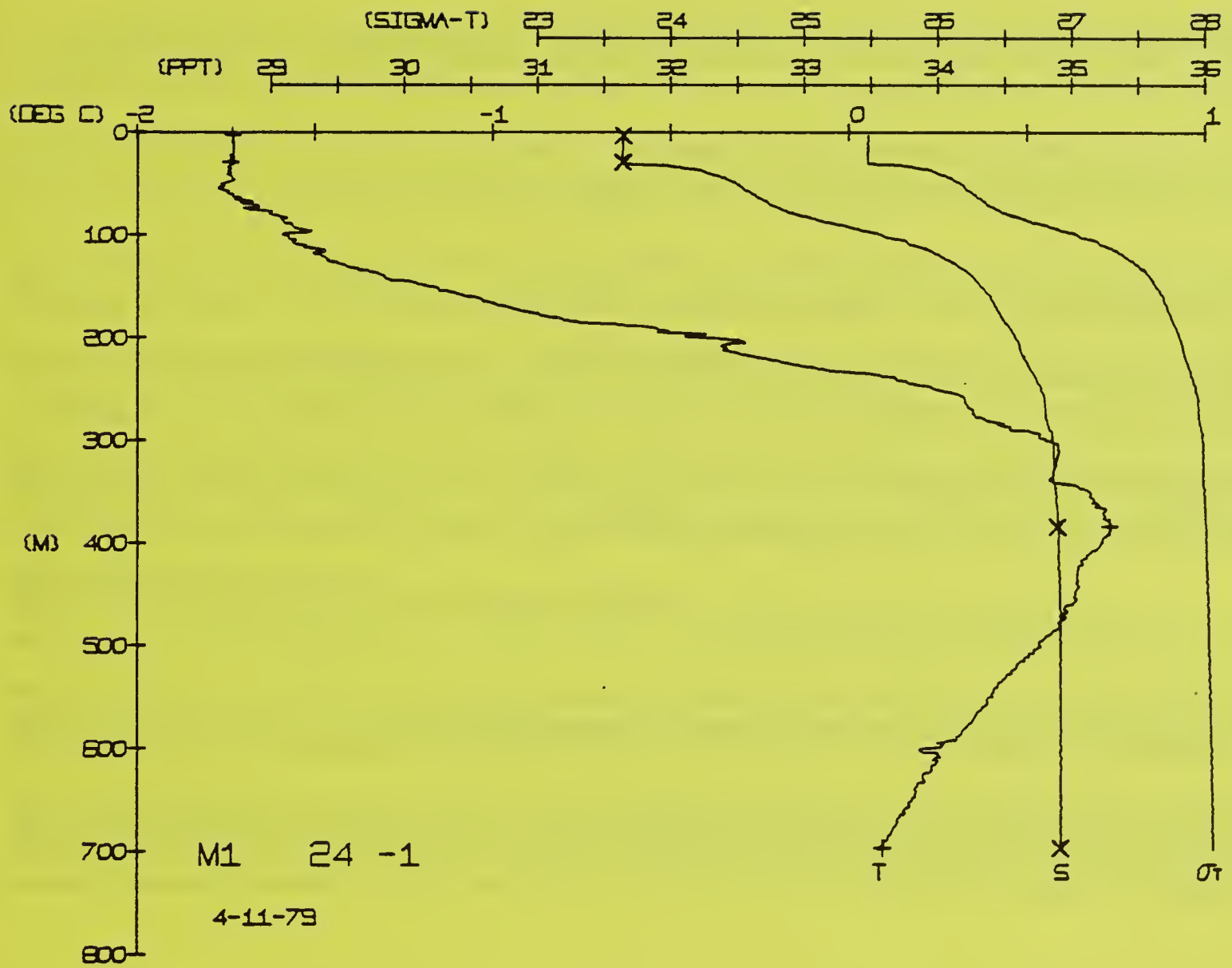
FRAM 1 STATION 25(1) CTD 11/APR/1979 1837 GMT CODE = 1
LAT = 84.5499N LNG = 8.6897W LTER = 1. LGER = 2.
AIR TEMP = BAROM = 1027.4 WIND = SPEED =

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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DVNH	SOUND
0	73	73	31	25	49	0	1436
3	73	73	31	25	49	0	1436
5	73	73	31	25	49	0	1436
10	73	73	31	25	49	0	1436
15	73	73	31	25	49	0	1436
20	73	73	31	25	49	0	1436
25	73	73	31	25	49	0	1436
30	73	73	31	25	49	0	1436
35	73	73	31	25	49	0	1436
40	73	73	31	25	49	0	1436
45	73	73	31	25	49	0	1436
50	73	73	31	25	49	0	1436
55	73	73	31	25	49	0	1436
60	73	73	31	25	49	0	1436
65	73	73	31	25	49	0	1436
70	73	73	31	25	49	0	1436
80	73	73	31	25	49	0	1436
90	73	73	31	25	49	0	1436
100	73	73	31	25	49	0	1436
110	73	73	31	25	49	0	1436
120	73	73	31	25	49	0	1436
130	73	73	31	25	49	0	1436
140	73	73	31	25	49	0	1436
150	73	73	31	25	49	0	1436
160	73	73	31	25	49	0	1436
170	73	73	31	25	49	0	1436
180	73	73	31	25	49	0	1436
190	73	73	31	25	49	0	1436
200	73	73	31	25	49	0	1436
210	73	73	31	25	49	0	1436
220	73	73	31	25	49	0	1436
230	73	73	31	25	49	0	1436
240	73	73	31	25	49	0	1436
250	73	73	31	25	49	0	1436
260	73	73	31	25	49	0	1436
270	73	73	31	25	49	0	1436
280	73	73	31	25	49	0	1436
290	73	73	31	25	49	0	1436
300	73	73	31	25	49	0	1436
310	73	73	31	25	49	0	1436
320	73	73	31	25	49	0	1436
330	73	73	31	25	49	0	1436
340	73	73	31	25	49	0	1436
350	73	73	31	25	49	0	1436
370	73	73	31	25	49	0	1436
390	73	73	31	25	49	0	1436
410	73	73	31	25	49	0	1436
430	73	73	31	25	49	0	1436
450	73	73	31	25	49	0	1436
470	73	73	31	25	49	0	1436
490	73	73	31	25	49	0	1436
510	73	73	31	25	49	0	1436
530	73	73	31	25	49	0	1436
550	73	73	31	25	49	0	1436
570	73	73	31	25	49	0	1436
590	73	73	31	25	49	0	1436
610	73	73	31	25	49	0	1436
630	73	73	31	25	49	0	1436
650	73	73	31	25	49	0	1436
670	73	73	31	25	49	0	1436
690	73	73	31	25	49	0	1436
700	73	73	31	25	49	0	1436

31.	64
31.	64
34.	88
34.	90







FRAM 1 STATION 26(1) CTD 12/APR/1979 702 GMT CODE = 1  
LAT = 84. 5119N LNG = 8. 8666W LTER = 1. LGER = 3.  
AIR TEMP = BAROM = 1032. 6 WIND = SPEED =

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	74	74	31. 65	25. 49	4	0. 000	1436. 4
3	-1. 74	-1. 74	31. 65	25. 49	4	0. 008	1436. 5
5	-1. 74	-1. 74	31. 66	25. 49	3	0. 013	1436. 5
10	-1. 74	-1. 74	31. 65	25. 48	5	0. 025	1436. 6
15	-1. 74	-1. 74	31. 65	25. 48	5	0. 038	1436. 7
20	-1. 74	-1. 74	31. 65	25. 48	5	0. 050	1436. 7
25	-1. 74	-1. 74	31. 65	25. 48	5	0. 076	1436. 8
30	-1. 74	-1. 74	31. 65	25. 48	5	0. 088	1436. 8
35	-1. 74	-1. 74	31. 65	25. 48	5	0. 100	1437. 0
40	-1. 74	-1. 74	31. 65	25. 48	5	0. 110	1437. 6
45	-1. 74	-1. 74	31. 65	25. 48	5	0. 120	1438. 3
50	-1. 74	-1. 74	31. 65	25. 48	5	0. 129	1438. 6
55	-1. 74	-1. 74	31. 65	25. 48	5	0. 137	1439. 0
60	-1. 74	-1. 74	31. 65	25. 48	5	0. 146	1439. 2
65	-1. 74	-1. 74	31. 65	25. 48	5	0. 154	1439. 5
70	-1. 74	-1. 74	31. 65	25. 48	5	0. 169	1439. 8
80	-1. 74	-1. 74	31. 65	25. 48	5	0. 183	1440. 7
90	-1. 74	-1. 74	31. 65	25. 48	5	0. 194	1441. 5
100	-1. 74	-1. 74	31. 65	25. 48	5	0. 204	1442. 3
110	-1. 74	-1. 74	31. 65	25. 48	5	0. 211	1442. 9
120	-1. 74	-1. 74	31. 65	25. 48	5	0. 217	1443. 5
130	-1. 74	-1. 74	31. 65	25. 48	5	0. 223	1444. 1
140	-1. 74	-1. 74	31. 65	25. 48	5	0. 228	1444. 5
150	-1. 74	-1. 74	31. 65	25. 48	5	0. 232	1445. 1
160	-1. 74	-1. 74	31. 65	25. 48	5	0. 236	1445. 6
170	-1. 74	-1. 74	31. 65	25. 48	5	0. 240	1446. 7
180	-1. 74	-1. 74	31. 65	25. 48	5	0. 244	1447. 7
190	-1. 74	-1. 74	31. 65	25. 48	5	0. 247	1448. 6
200	-1. 74	-1. 74	31. 65	25. 48	5	0. 250	1449. 6
210	-1. 74	-1. 74	31. 65	25. 48	5	0. 252	1450. 2
220	-1. 74	-1. 74	31. 65	25. 48	5	0. 255	1451. 4
230	-1. 74	-1. 74	31. 65	25. 48	5	0. 257	1452. 0
240	-1. 74	-1. 74	31. 65	25. 48	5	0. 259	1452. 8
250	-1. 74	-1. 74	31. 65	25. 48	5	0. 261	1453. 4
260	-1. 74	-1. 74	31. 65	25. 48	5	0. 263	1454. 8
270	-1. 74	-1. 74	31. 65	25. 48	5	0. 264	1455. 4
280	-1. 74	-1. 74	31. 65	25. 48	5	0. 266	1455. 5
290	-1. 74	-1. 74	31. 65	25. 48	5	0. 267	1455. 6
300	-1. 74	-1. 74	31. 65	25. 48	5	0. 269	1455. 6
310	-1. 74	-1. 74	31. 65	25. 48	5	0. 270	1455. 6
320	-1. 74	-1. 74	31. 65	25. 48	5	0. 271	1455. 6
330	-1. 74	-1. 74	31. 65	25. 48	5	0. 273	1455. 7
340	-1. 74	-1. 74	31. 65	25. 48	5	0. 274	1457. 6
350	-1. 74	-1. 74	31. 65	25. 48	5	0. 277	1457. 6
360	-1. 74	-1. 74	31. 65	25. 48	5	0. 279	1458. 8
370	-1. 74	-1. 74	31. 65	25. 48	5	0. 281	1458. 9
380	-1. 74	-1. 74	31. 65	25. 48	5	0. 284	1458. 9
390	-1. 74	-1. 74	31. 65	25. 48	5	0. 286	1458. 9
400	-1. 74	-1. 74	31. 65	25. 48	5	0. 288	1459. 1
410	-1. 74	-1. 74	31. 65	25. 48	5	0. 290	1459. 5
420	-1. 74	-1. 74	31. 65	25. 48	5	0. 292	1459. 7
430	-1. 74	-1. 74	31. 65	25. 48	5	0. 294	1459. 7
440	-1. 74	-1. 74	31. 65	25. 48	5	0. 295	1459. 7
450	-1. 74	-1. 74	31. 65	25. 48	5	0. 296	1459. 7
460	-1. 74	-1. 74	31. 65	25. 48	5	0. 298	1459. 7
470	-1. 74	-1. 74	31. 65	25. 48	5	0. 299	1459. 7
480	-1. 74	-1. 74	31. 65	25. 48	5	0. 301	1460. 1
490	-1. 74	-1. 74	31. 65	25. 48	5	0. 303	1460. 3
500	-1. 74	-1. 74	31. 65	25. 48	5	0. 304	1460. 4
510	-1. 74	-1. 74	31. 65	25. 48	5	0. 306	1460. 5
520	-1. 74	-1. 74	31. 65	25. 48	5	0. 307	1460. 5
530	-1. 74	-1. 74	31. 65	25. 48	5	0. 308	1460. 5
540	-1. 74	-1. 74	31. 65	25. 48	5	0. 309	1460. 5
550	-1. 74	-1. 74	31. 65	25. 48	5	0. 310	1460. 5
560	-1. 74	-1. 74	31. 65	25. 48	5	0. 311	1460. 5
570	-1. 74	-1. 74	31. 65	25. 48	5	0. 312	1460. 5
580	-1. 74	-1. 74	31. 65	25. 48	5	0. 313	1460. 5
590	-1. 74	-1. 74	31. 65	25. 48	5	0. 314	1460. 5
600	-1. 74	-1. 74	31. 65	25. 48	5	0. 315	1460. 5
610	-1. 74	-1. 74	31. 65	25. 48	5	0. 316	1460. 5
620	-1. 74	-1. 74	31. 65	25. 48	5	0. 317	1460. 5
630	-1. 74	-1. 74	31. 65	25. 48	5	0. 318	1460. 5
640	-1. 74	-1. 74	31. 65	25. 48	5	0. 319	1460. 5
650	-1. 74	-1. 74	31. 65	25. 48	5	0. 320	1460. 5
660	-1. 74	-1. 74	31. 65	25. 48	5	0. 321	1460. 5
670	-1. 74	-1. 74	31. 65	25. 48	5	0. 322	1460. 5
680	-1. 74	-1. 74	31. 65	25. 48	5	0. 323	1460. 5
690	-1. 74	-1. 74	31. 65	25. 48	5	0. 324	1460. 5
700	-1. 74	-1. 74	31. 65	25. 48	5	0. 325	1460. 5
710	-1. 74	-1. 74	31. 65	25. 48	5	0. 326	1460. 5
720	-1. 74	-1. 74	31. 65	25. 48	5	0. 327	1460. 5
730	-1. 74	-1. 74	31. 65	25. 48	5	0. 328	1460. 5
740	-1. 74	-1. 74	31. 65	25. 48	5	0. 329	1460. 5
750	-1. 74	-1. 74	31. 65	25. 48	5	0. 330	1460. 5
760	-1. 74	-1. 74	31. 65	25. 48	5	0. 331	1460. 5
770	-1. 74	-1. 74	31. 65	25. 48	5	0. 332	1460. 5
780	-1. 74	-1. 74	31. 65	25. 48	5	0. 333	1460. 5
790	-1. 74	-1. 74	31. 65	25. 48	5	0. 334	1460. 5
800	-1. 74	-1. 74	31. 65	25. 48	5	0. 335	1460. 5
810	-1. 74	-1. 74	31. 65	25. 48	5	0. 336	1460. 5
820	-1. 74	-1. 74	31. 65	25. 48	5	0. 337	1460. 5
830	-1. 74	-1. 74	31. 65	25. 48	5	0. 338	1460. 5
840	-1. 74	-1. 74	31. 65	25. 48	5	0. 339	1460. 5
850	-1. 74	-1. 74	31. 65	25. 48	5	0. 340	1460. 5
860	-1. 74	-1. 74	31. 65	25. 48	5	0. 341	1460. 5
870	-1. 74	-1. 74	31. 65	25. 48	5	0. 342	1460. 5
880	-1. 74	-1. 74	31. 65	25. 48	5	0. 343	1460. 5
890	-1. 74	-1. 74	31. 65	25. 48	5	0. 344	1460. 5
900	-1. 74	-1. 74	31. 65	25. 48	5	0. 345	1460. 5
910	-1. 74	-1. 74	31. 65	25. 48	5	0. 346	1460. 5
920	-1. 74	-1. 74	31. 65	25. 48	5	0. 347	1460. 5
930	-1. 74	-1. 74	31. 65	25. 48	5	0. 348	1460. 5
940	-1. 74	-1. 74	31. 65	25. 48	5	0. 349	1460. 5
950	-1. 74	-1. 74	31. 65	25. 48	5	0. 350	1460. 5
960	-1. 74	-1. 74	31. 65	25. 48	5	0. 351	1460. 5
970	-1. 74	-1. 74	31. 65	25. 48	5	0. 352	1460. 5
980	-1. 74	-1. 74	31. 65	25. 48	5	0. 353	1460. 5
990	-1. 74	-1. 74	31. 65	25. 48	5	0. 354	1460. 5
1000	-1. 74	-1. 74	31. 65	25. 48	5	0. 355	1460. 5

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

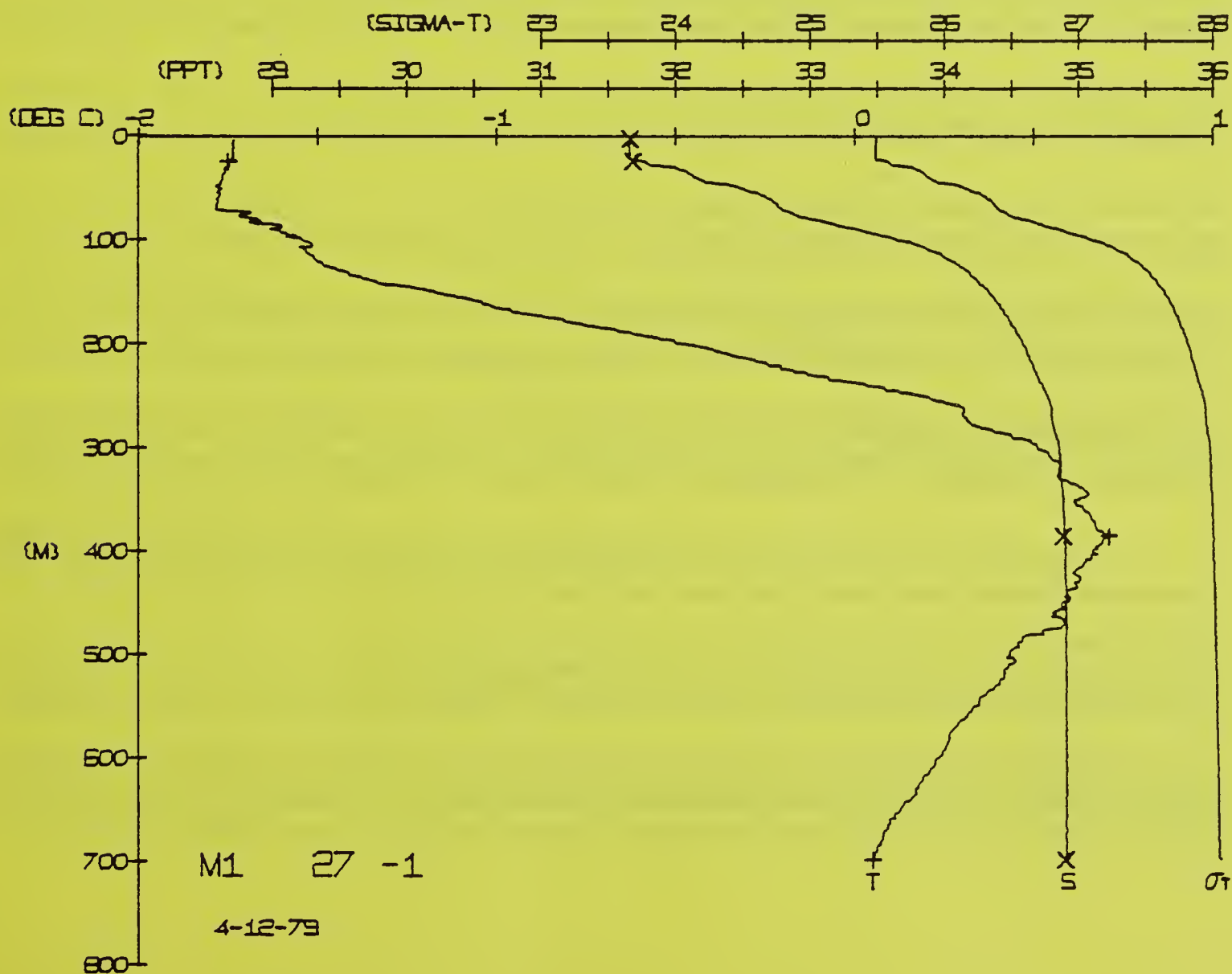
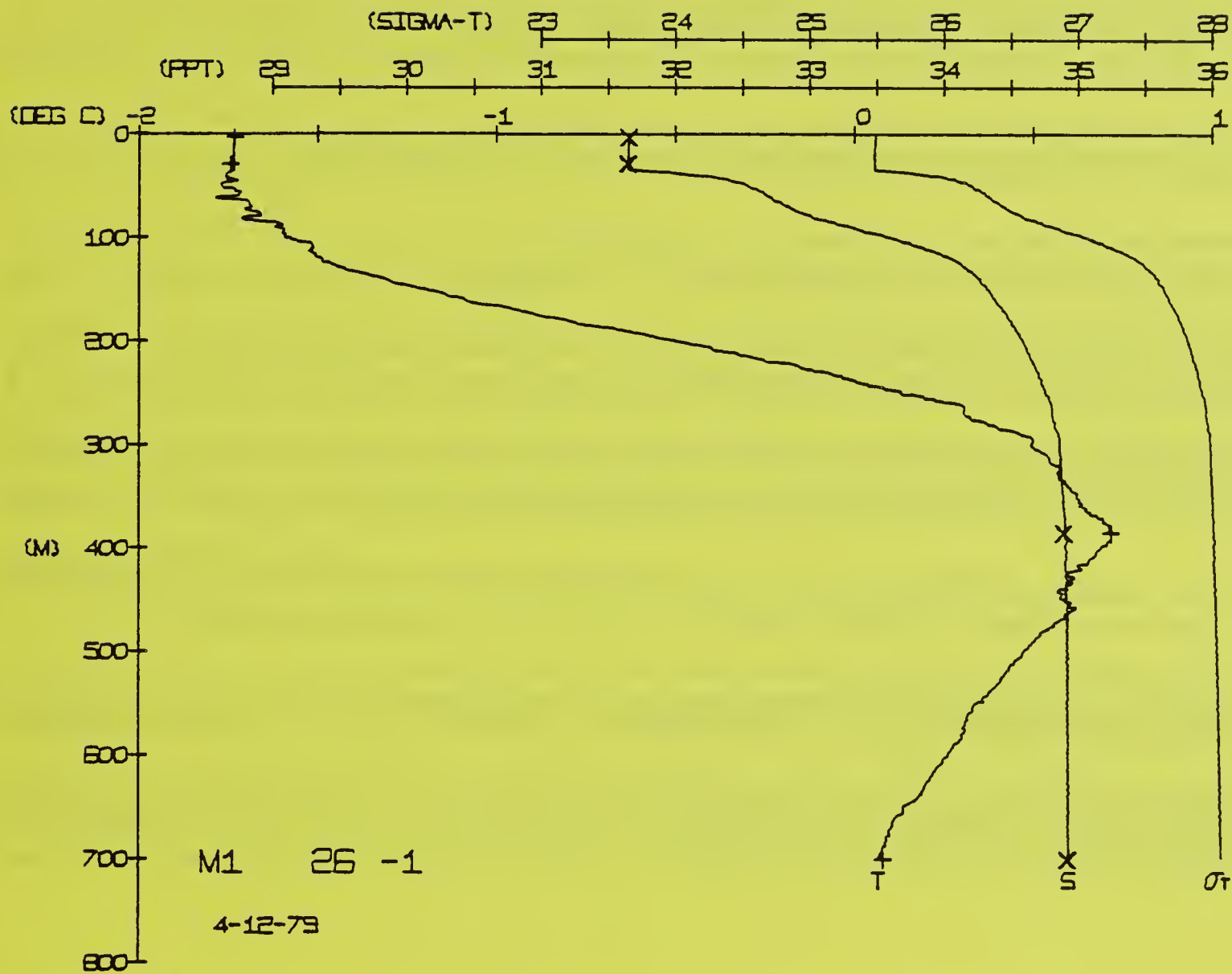
3. 4  
29. 1  
386. 0  
701. 4

-1. 74  
-1. 75  
0. 72  
0. 08

31. 64  
31. 64  
34. 88  
34. 90

FRAM 1 STATION 27(1) CTD 12/APR/1979 1848 GMT CODE = 1  
LAT = 84. 4992N LNG = 8. 9697W LTER = 0. LGER = 1.  
AIR TEMP = -29. 8 BAROM = 1036. 5 WIND = 63. 0 SPEED = 3. 2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUNP
0	73	73	31.67	50	249.0	0.000	1436.4
1	-1.73	-1.73	31.67	50	249.0	0.008	1436.5
3	-1.73	-1.73	31.66	49	249.9	0.013	1436.5
5	-1.73	-1.73	31.66	49	250.1	0.025	1436.6
10	-1.74	-1.74	31.66	49	250.7	0.038	1436.7
15	-1.74	-1.74	31.66	49	250.7	0.050	1436.7
20	-1.74	-1.74	31.66	49	250.7	0.063	1436.7
25	-1.75	-1.75	31.95	72	227.4	0.075	1437.5
30	-1.75	-1.75	32.08	83	227.4	0.086	1437.7
35	-1.76	-1.76	32.23	88	217.5	0.097	1437.8
40	-1.77	-1.77	32.46	95	212.5	0.107	1437.9
45	-1.77	-1.77	32.59	14	205.0	0.117	1438.5
50	-1.77	-1.77	32.69	24	178.0	0.126	1438.7
55	-1.78	-1.78	32.77	32	171.0	0.135	1438.8
60	-1.78	-1.78	32.77	36	165.7	0.144	1438.9
65	-1.78	-1.78	32.97	55	148.8	0.152	1439.9
70	-1.68	-1.68	33.31	83	122.3	0.168	1440.7
75	-1.63	-1.63	33.67	88	79.9	0.181	1441.5
80	-1.54	-1.54	33.87	88	79.9	0.192	1442.3
85	-1.53	-1.53	33.87	28	79.9	0.201	1442.9
90	-1.54	-1.54	33.04	41	57.4	0.209	1443.5
95	-1.50	-1.50	34.17	51	57.4	0.215	1443.5
100	-1.44	-1.44	34.25	58	45.5	0.221	1444.5
110	-1.35	-1.35	34.33	68	41.3	0.225	1444.5
120	-1.19	-1.19	34.44	72	37.6	0.233	1446.7
130	-1.05	-1.05	34.59	81	31.6	0.241	1447.7
140	-0.96	-0.96	34.54	79	29.1	0.244	1449.9
150	-0.80	-0.80	34.65	86	24.7	0.249	1451.1
160	-0.63	-0.63	34.73	91	20.7	0.252	1452.2
170	-0.49	-0.49	34.80	95	17.7	0.255	1453.4
180	-0.34	-0.34	34.81	96	16.2	0.261	1455.5
190	-0.28	-0.28	34.84	97	14.8	0.264	1455.6
200	-0.27	-0.27	34.86	99	13.7	0.265	1455.6
210	-0.27	-0.27	34.87	99	13.4	0.268	1457.7
220	-0.27	-0.27	34.87	99	13.4	0.270	1457.7
230	-0.27	-0.27	34.89	00	12.3	0.271	1458.8
240	-0.27	-0.27	34.90	01	11.5	0.273	1458.8
250	-0.27	-0.27	34.91	02	11.1	0.276	1458.8
260	-0.27	-0.27	34.91	03	11.0	0.283	1459.9
270	-0.27	-0.27	34.91	03	10.2	0.285	1459.9
280	-0.27	-0.27	34.91	04	9.7	0.287	1459.9
290	-0.27	-0.27	34.91	04	9.7	0.289	1459.9
300	-0.27	-0.27	34.91	04	9.7	0.290	1459.9
310	-0.27	-0.27	34.91	04	9.7	0.292	1459.9
320	-0.27	-0.27	34.91	04	9.7	0.294	1459.9
330	-0.27	-0.27	34.91	04	9.7	0.296	1459.9
340	-0.27	-0.27	34.91	04	9.7	0.297	1459.9
350	-0.27	-0.27	34.91	04	9.7	0.299	1459.9
360	-0.27	-0.27	34.91	04	9.7	0.300	1459.9
370	-0.27	-0.27	34.91	04	9.7	0.302	1459.9
380	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
390	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
400	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
410	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
420	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
430	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
440	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
450	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
460	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
470	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
480	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
490	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
500	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
510	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
520	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
530	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
540	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
550	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
560	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
570	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
580	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
590	-0.27	-0.27	34.91	04	9.7	0.303	1459.9
600	-0.27	-0.27	34.91	04	9.7	0.303	1459.9





FRAM 1 STATION 28(1) CTD 13/APR/1979 704 GMT CODE = 1  
LAT = 84.5161N LNG = 9.1220W LTER = 0. LGER = 0.  
AIR TEMP = -29.8 BAROM = 1034.3 WIND = 63.0 SPEED = 3.2

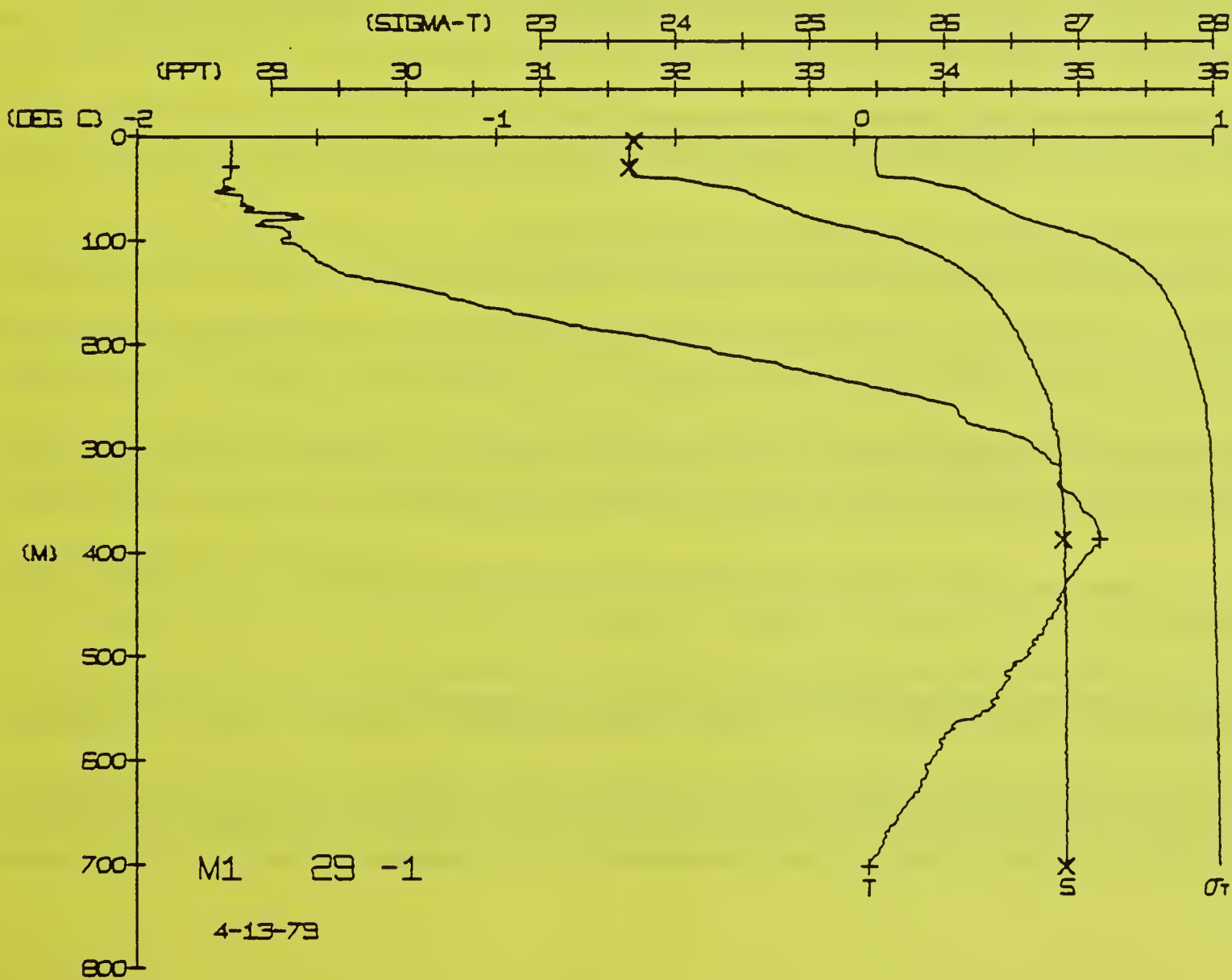
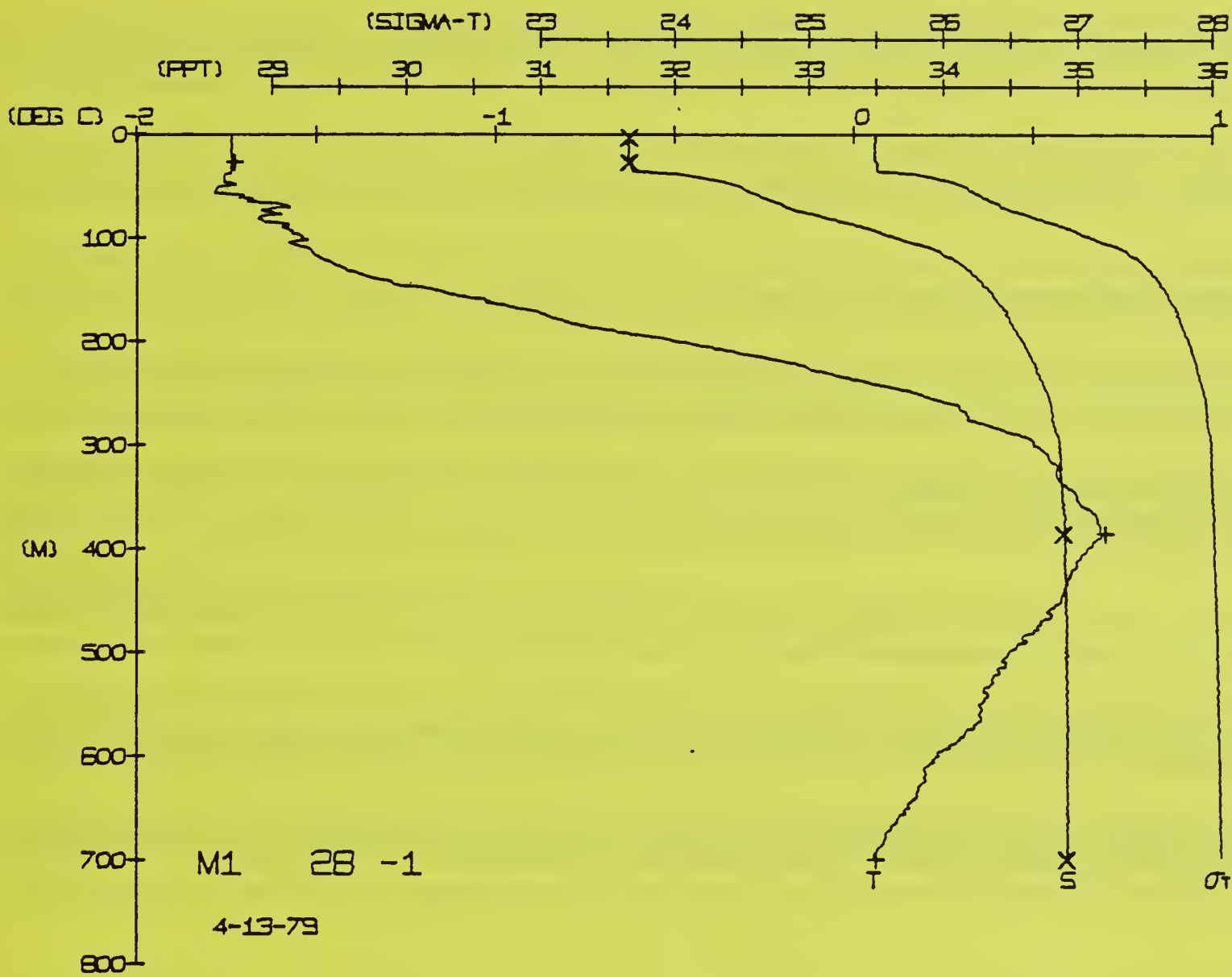
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.66	25.50	249.6	0.000	1436.4
3	-1.74	-1.74	31.66	25.50	249.5	0.008	1436.5
5	-1.74	-1.74	31.66	25.49	249.7	0.013	1436.5
10	-1.74	-1.74	31.65	25.48	250.6	0.025	1436.6
15	-1.74	-1.74	31.66	25.49	250.1	0.038	1436.7
20	-1.74	-1.74	31.66	25.49	250.0	0.050	1436.7
25	-1.74	-1.74	31.66	25.49	249.7	0.063	1436.8
30	-1.74	-1.74	31.68	25.50	248.5	0.075	1436.9
35	-1.74	-1.74	31.68	25.51	247.9	0.088	1437.0
40	-1.75	-1.75	32.05	25.98	203.4	0.100	1437.5
45	-1.76	-1.76	32.26	25.81	203.0	0.110	1437.9
50	-1.74	-1.74	32.44	25.12	189.3	0.120	1438.3
55	-1.79	-1.79	32.52	25.19	182.8	0.130	1438.9
60	-1.70	-1.71	32.72	25.35	175.8	0.147	1439.2
65	-1.69	-1.69	32.81	25.42	161.0	0.156	1439.9
70	-1.58	-1.58	33.09	26.65	139.5	0.171	1440.1
80	-1.66	-1.66	33.40	26.90	115.8	0.184	1441.0
90	-1.54	-1.54	33.63	27.08	98.5	0.194	1441.8
100	-1.52	-1.54	33.90	27.30	77.7	0.203	1442.4
110	-1.49	-1.49	34.09	27.42	66.2	0.211	1442.9
120	-1.42	-1.43	34.17	27.51	57.3	0.217	1443.6
130	-1.34	-1.34	34.24	27.57	51.9	0.222	1444.3
140	-1.18	-1.19	34.33	27.64	45.6	0.227	1444.6
150	-1.03	-1.04	34.45	27.72	41.7	0.236	1444.7
160	-0.91	-0.92	34.48	27.75	35.4	0.239	1444.7
170	-0.82	-0.83	34.54	27.78	31.9	0.243	1444.8
180	-0.68	-0.69	34.59	27.82	28.3	0.246	1445.0
190	-0.51	-0.51	34.62	27.84	24.7	0.249	1445.1
200	-0.36	-0.36	34.66	27.88	22.7	0.254	1445.2
210	-0.20	-0.21	34.72	27.93	21.1	0.256	1445.3
220	-0.10	-0.11	34.80	27.95	18.9	0.261	1445.4
230	0.03	0.02	34.81	27.96	16.6	0.263	1445.5
240	0.16	0.15	34.83	27.97	15.2	0.265	1445.5
250	0.31	0.30	34.85	27.98	14.4	0.266	1445.6
260	0.44	0.43	34.87	27.99	13.7	0.269	1445.6
270	0.56	0.55	34.88	27.99	13.3	0.270	1445.7
280	0.62	0.60	34.89	28.00	12.8	0.272	1445.7
290	0.69	0.67	34.90	28.01	12.4	0.273	1445.7
300	0.63	0.61	34.90	28.01	11.9	0.278	1445.8
310	0.58	0.58	34.91	28.02	11.0	0.283	1445.8
320	0.52	0.52	34.91	28.02	10.8	0.285	1445.9
330	0.48	0.46	34.91	28.03	9.9	0.289	1445.9
340	0.42	0.39	34.92	28.04	8.9	0.293	1445.9
350	0.38	0.36	34.92	28.04	8.5	0.295	1445.9
360	0.35	0.32	34.91	28.04	8.2	0.296	1446.0
370	0.32	0.24	34.92	28.04	8.0	0.298	1446.0
380	0.27	0.18	34.91	28.05	7.7	0.301	1446.0
390	0.21	0.15	34.91	28.05	7.5	0.303	1446.0
400	0.18	0.12	34.91	28.05	7.1	0.304	1446.0
410	0.15	0.07	34.91	28.05	6.8	0.306	1446.0
420	0.10	0.03	34.91	28.05	6.7	0.306	1446.0
430	0.06	0.02	34.93	28.06	5.9	0.306	1446.0
440	0.05	0.02	34.93	28.06	5.1	0.306	1446.0
450	0.05	0.02	34.93	28.06	4.4	0.306	1446.0
460	0.05	0.02	34.93	28.06	3.7	0.306	1446.0
470	0.05	0.02	34.93	28.06	3.1	0.306	1446.0
480	0.05	0.02	34.93	28.06	2.6	0.306	1446.0
490	0.05	0.02	34.93	28.06	2.1	0.306	1446.0
500	0.05	0.02	34.93	28.06	1.6	0.306	1446.0
510	0.05	0.02	34.93	28.06	1.1	0.306	1446.0
520	0.05	0.02	34.93	28.06	0.6	0.306	1446.0
530	0.05	0.02	34.93	28.06	0.1	0.306	1446.0
540	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
550	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
560	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
570	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
580	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
590	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
600	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
610	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
620	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
630	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
640	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
650	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
660	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
670	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
680	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
690	0.05	0.02	34.93	28.06	0.0	0.306	1446.0
700	0.05	0.02	34.93	28.06	0.0	0.306	1446.0

DEPTH TEMP  
BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
3.2  
27.5  
386.5  
700.3  
-1.73  
0.70  
0.06  
31.65  
31.65  
34.88  
34.91

FRAM 1 STATION 29(1) CTD 13/APR/1979 1834 GMT CODE = 1  
LAT = 84.5284N LNG = 9.2613W LTER = 2. LGER = 5.  
AIR TEMP = -28.9 BAROM = 1036.6 WIND = 97.0 SPEED = 4.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.67	25.50	249.4	0.000	1436.4
3	-1.74	-1.74	31.67	25.50	249.1	0.013	1436.5
5	-1.74	-1.74	31.66	25.49	249.6	0.025	1436.6
10	-1.74	-1.74	31.66	25.49	250.0	0.038	1436.7
15	-1.74	-1.74	31.66	25.49	249.7	0.050	1436.8
20	-1.74	-1.74	31.66	25.50	248.8	0.063	1436.9
25	-1.74	-1.74	31.67	25.51	247.9	0.075	1437.0
30	-1.74	-1.74	31.68	25.51	247.9	0.088	1437.0
35	-1.74	-1.74	31.82	25.62	208.4	0.100	1437.3
40	-1.76	-1.76	32.19	25.92	191.0	0.111	1437.8
45	-1.76	-1.76	32.42	25.10	181.7	0.121	1438.2
50	-1.78	-1.78	32.55	25.28	174.7	0.131	1438.4
55	-1.70	-1.70	32.63	25.35	167.3	0.140	1438.9
60	-1.70	-1.70	32.72	25.44	157.3	0.148	1439.2
65	-1.69	-1.69	32.83	25.44	143.8	0.157	1439.9
70	-1.57	-1.57	33.04	26.60	117.1	0.172	1440.1
80	-1.59	-1.59	33.38	26.88	93.7	0.185	1441.0
90	-1.50	-1.50	33.69	27.13	79.7	0.196	1441.8
100	-1.60	-1.60	33.88	27.29	66.6	0.204	1442.4
110	-1.53	-1.54	33.88	27.29	79.7	0.204	1442.9
120	-1.50	-1.50	34.04	27.42	66.6	0.212	1443.6
130	-1.44	-1.44	34.16	27.51	58.1	0.218	1444.3
140	-1.32	-1.32	34.26	27.59	50.4	0.223	1444.5
150	-1.17	-1.18	34.39	27.64	45.0	0.228	1444.6
160	-1.07	-1.07	34.45	27.68	41.5	0.233	1444.6
170	-0.95	-0.96	34.48	27.72	37.4	0.237	1444.7
180	-0.81	-0.81	34.50	27.76	34.4	0.240	1444.7
190	-0.63	-0.63	34.55	27.79	31.1	0.244	1444.8
200	-0.48	-0.48	34.55	27.82	28.2	0.247	1444.8
210	-0.36	-0.37	34.60	27.84	24.7	0.249	1444.9
220	-0.20	-0.21	34.62	27.86	22.4	0.252	1445.0
230	-0.09	-0.10	34.65	27.88	20.5	0.254	1445.1
240	0.04	0.03	34.73	27.91	18.5	0.257	1445.2
250	0.17	0.16	34.77	27.93	17.0	0.259	1445.3
260	0.28	0.27	34.80	27.95	16.1	0.260	1445.4
270	0.36	0.35	34.81	27.96	15.3	0.262	1445.4
280	0.46	0.45	34.82	27.98	14.7	0.264	1445.5
290	0.54	0.49	34.85	27.99	14.3	0.265	1445.5
300	0.50	0.53	34.86	27.99	14.0	0.267	1445.6
310	0.54	0.56	34.86	27.98	13.5	0.268	1445.6
320	0.58	0.56	34.87	27.99	13.1	0.269	1445.6
330	0.58	0.57	34.87	27.99	12.8	0.271	1445.7
340	0.58	0.61	34.88	28.00	12.4	0.272	1445.7
350	0.62	0.65	34.89	28.01	12.0	0.273	1445.7
360	0.67	0.67	34.90	28.01	11.9	0.276	1445.8
370	0.68	0.67	34.90	28.01	11.1	0.278	1445.8
380	0.63	0.61	34.90	28.02	11.0	0.281	1445.8
390	0.57	0.57	34.91	28.02	11.0	0.283	1445.8
400	0.53	0.51	34.91	28.02	10.8	0.285	1445.9
410	0.45	0.48	34.91	28.03	9.9	0.287	1445.9
420	0.50	0.42	34.92	28.04	8.9	0.289	1445.9
430	0.41	0.39	34.92	28.04	8.5	0.291	1445.9
440	0.38	0.35	34.92	28.04	8.3	0.293	1445.9
450	0.24	0.21	34.92	28.05	7.7	0.295	1445.9
460	0.18	0.15	34.92	28.05	7.5	0.297	1445.9
470	0.13	0.10	34.92	28.06	7.1	0.298	1446.0
480	0.09	0.06	34.92	28.06	6.8	0.301	1446.0
490	0.07	0.04	34.91	28.06	6.7	0.303	1446.0
500	0.07	0.04	34.91	28.06	6.1	0.304	1446.0
510	0.07	0.04	34.91	28.06	5.9	0.306	1446.0
520	0.07	0.04	34.91	28.06	5.1	0.306	1446.0
530	0.07	0.04	34.91	28.06	4.4	0.306	1446.0
540	0.07	0.04	34.91	28.06	3.7	0.306	1446.0
550	0.07	0.04	34.91	28.06	3.1	0.306	1446.0
560	0.07	0.04	34.91	28.06	2.6	0.306	1446.0
570	0.07	0.04	34.91	28.06	2.1	0.306	1446.0
580	0.07	0.04	34.91	28.06	1.6	0.306	1446.0
590	0.07	0.04	34.91	28.06	1.1	0.306	1446.0
600	0.07	0.04	34.91	28.06	0.6	0.306	1446.0





FRAM 1 STATION 30(1) CTD 14/APR/1979 724 GMT CODE = 1  
LAT = 84.5236N LNG = 9.2587W LTER = 12. LGER = 30.  
AIR TEMP = -28.9 BAROM = 1040.8 WIND = 97.0 SPEED = 4.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	74	74	31.67	25.50	249.9	0.000	1436.4
0.1	-1.74	-1.74	31.67	25.50	248.9	0.008	1436.5
3.1	-1.74	-1.74	31.67	25.50	249.2	0.013	1436.5
5.0	-1.74	-1.74	31.67	25.50	249.4	0.025	1436.6
10.0	-1.74	-1.74	31.66	25.49	249.5	0.038	1436.7
15.0	-1.73	-1.73	31.66	25.49	249.6	0.050	1436.8
20.0	-1.73	-1.73	31.67	25.50	249.7	0.063	1436.9
25.0	-1.73	-1.73	31.67	25.50	249.8	0.075	1437.0
30.0	-1.74	-1.74	31.68	25.51	249.9	0.087	1437.1
35.0	-1.75	-1.75	31.68	25.52	250.0	0.099	1437.2
40.0	-1.76	-1.76	31.68	25.53	250.1	0.109	1437.3
45.0	-1.77	-1.77	31.68	25.54	250.2	0.120	1437.4
50.0	-1.78	-1.78	31.68	25.55	250.3	0.138	1437.5
55.0	-1.78	-1.78	31.68	25.56	250.4	0.155	1437.6
60.0	-1.77	-1.77	31.68	25.57	250.5	0.170	1437.7
65.0	-1.71	-1.71	31.68	25.58	250.6	0.184	1437.8
70.0	-1.71	-1.71	31.68	25.59	250.7	0.195	1437.9
80.0	-1.63	-1.63	31.68	25.60	250.8	0.205	1438.0
90.0	-1.54	-1.54	31.68	25.61	250.9	0.212	1438.1
100.0	-1.54	-1.54	31.68	25.62	251.0	0.219	1438.2
110.0	-1.51	-1.51	31.68	25.63	251.1	0.225	1438.3
120.0	-1.44	-1.44	31.68	25.64	251.2	0.234	1438.4
130.0	-1.44	-1.44	31.68	25.65	251.3	0.245	1438.5
140.0	-1.35	-1.35	31.68	25.66	251.4	0.259	1438.6
150.0	-1.18	-1.18	31.68	25.67	251.5	0.273	1438.7
160.0	-1.04	-1.04	31.68	25.68	251.6	0.281	1438.8
170.0	-0.94	-0.94	31.68	25.69	251.7	0.285	1438.9
180.0	-0.83	-0.83	31.68	25.70	251.8	0.287	1439.0
190.0	-0.72	-0.72	31.68	25.71	251.9	0.294	1439.1
200.0	-0.56	-0.56	31.68	25.72	252.0	0.302	1439.2
210.0	-0.40	-0.40	31.68	25.73	252.1	0.307	1439.3
220.0	-0.25	-0.25	31.68	25.74	252.2	0.308	1439.4
230.0	-0.12	-0.12	31.68	25.75	252.3	0.309	1439.5
240.0	0.02	0.02	31.68	25.76	252.4	0.309	1439.6
250.0	0.16	0.16	31.68	25.77	252.5	0.309	1439.7
260.0	0.29	0.29	31.68	25.78	252.6	0.309	1439.8
270.0	0.31	0.31	31.68	25.79	252.7	0.309	1439.9
280.0	0.34	0.34	31.68	25.80	252.8	0.309	1440.0
290.0	0.44	0.44	31.68	25.81	252.9	0.309	1440.1
300.0	0.50	0.50	31.68	25.82	253.0	0.309	1440.2
310.0	0.53	0.53	31.68	25.83	253.1	0.309	1440.3
320.0	0.58	0.58	31.68	25.84	253.2	0.309	1440.4
330.0	0.58	0.58	31.68	25.85	253.3	0.309	1440.5
340.0	0.58	0.58	31.68	25.86	253.4	0.309	1440.6
350.0	0.61	0.61	31.68	25.87	253.5	0.309	1440.7
370.0	0.63	0.63	31.68	25.88	253.6	0.309	1440.8
390.0	0.67	0.67	31.68	25.89	253.7	0.309	1440.9
410.0	0.58	0.58	31.68	25.90	253.8	0.309	1441.0
430.0	0.50	0.50	31.68	25.91	253.9	0.309	1441.1
450.0	0.44	0.44	31.68	25.92	254.0	0.309	1441.2
470.0	0.37	0.37	31.68	25.93	254.1	0.309	1441.3
490.0	0.35	0.35	31.68	25.94	254.2	0.309	1441.4
510.0	0.33	0.33	31.68	25.95	254.3	0.309	1441.5
530.0	0.32	0.32	31.68	25.96	254.4	0.309	1441.6
550.0	0.32	0.32	31.68	25.97	254.5	0.309	1441.7
570.0	0.32	0.32	31.68	25.98	254.6	0.309	1441.8
590.0	0.32	0.32	31.68	25.99	254.7	0.309	1441.9
610.0	0.32	0.32	31.68	26.00	254.8	0.309	1442.0
630.0	0.32	0.32	31.68	26.01	254.9	0.309	1442.1
650.0	0.32	0.32	31.68	26.02	255.0	0.309	1442.2
670.0	0.32	0.32	31.68	26.03	255.1	0.309	1442.3
690.0	0.32	0.32	31.68	26.04	255.2	0.309	1442.4
698.5	0.07	0.07	31.68	26.05	255.3	0.309	1442.5

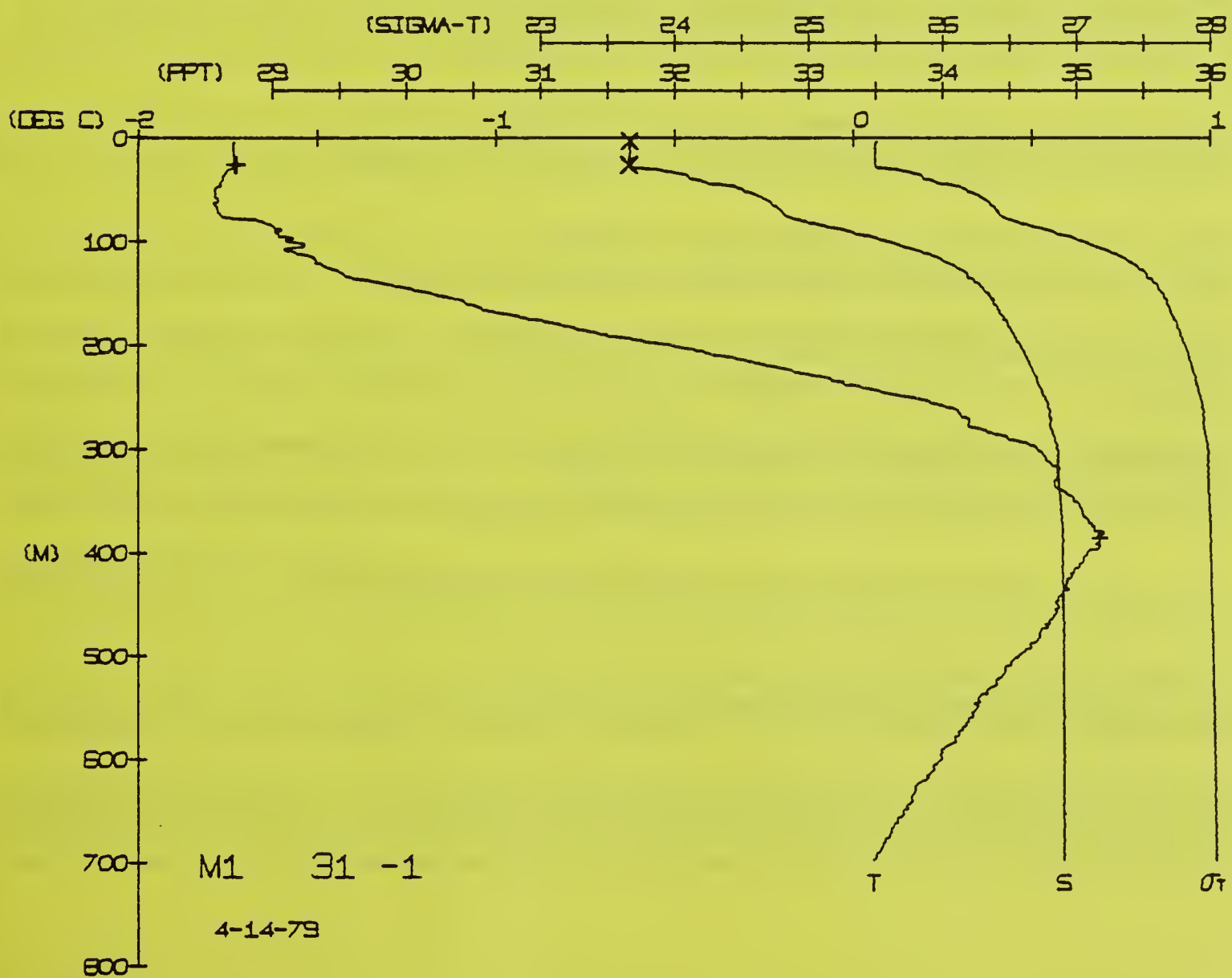
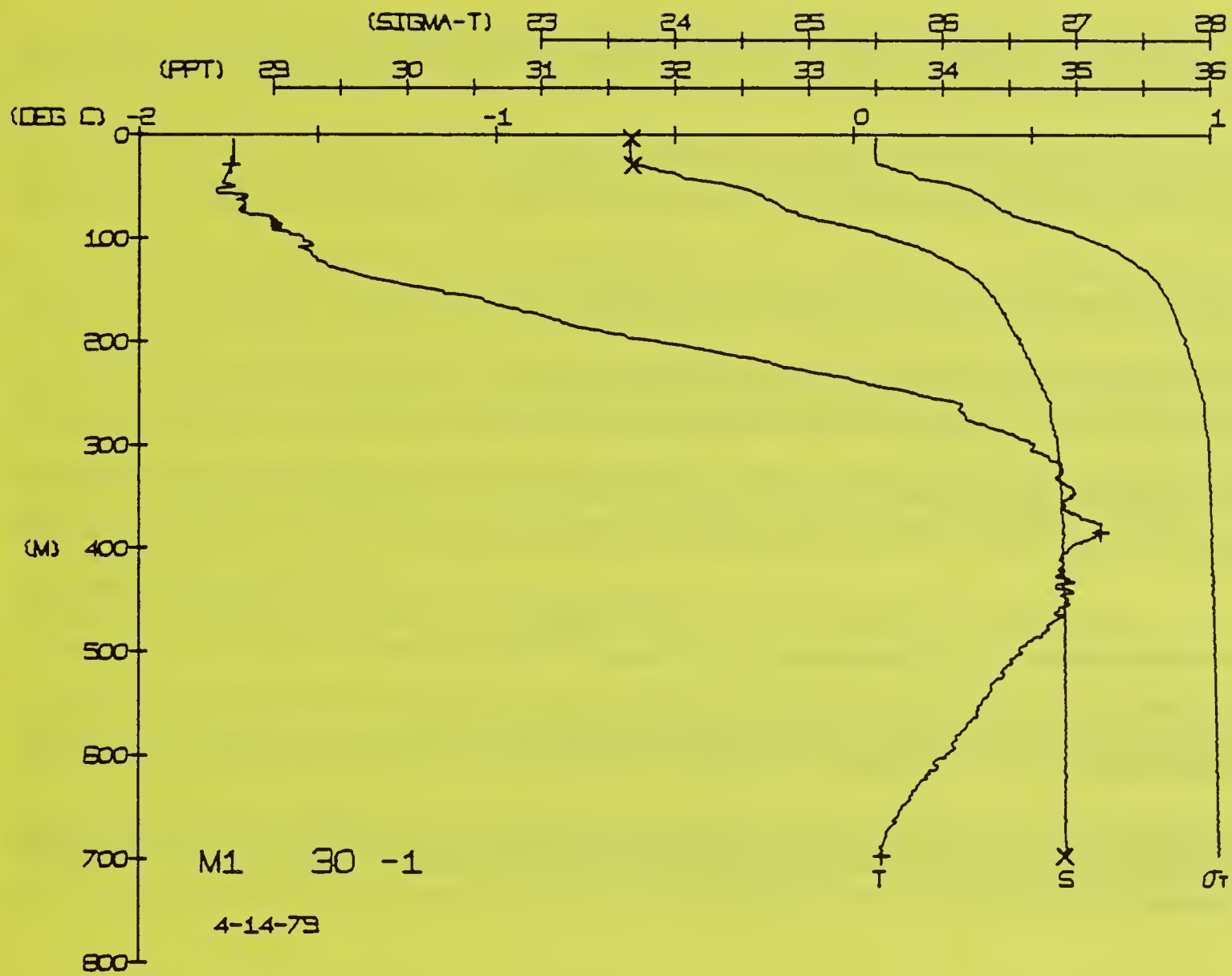
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34.90

FRAM 1 STATION 31(1) CTD 14/APR/1979 1828 GMT CODE = 1  
LAT = 84.5213N LNG = 9.2509W LTER = 0. LGER = 0.  
AIR TEMP = -29.3 BAROM = 1041.4 WIND = 87.0 SPEED = 2.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	73	73	31.68	25.51	248.6	0.000	1436.5
0.1	-1.73	-1.73	31.68	25.51	249.6	0.008	1436.5
3.1	-1.73	-1.73	31.67	25.50	249.7	0.013	1436.5
5.0	-1.73	-1.73	31.67	25.50	249.8	0.025	1436.6
10.0	-1.73	-1.73	31.67	25.50	249.9	0.038	1436.7
15.0	-1.73	-1.73	31.67	25.50	249.9	0.050	1436.8
20.0	-1.73	-1.73	31.67	25.51	250.0	0.063	1436.9
25.0	-1.74	-1.74	31.67	25.52	250.1	0.075	1437.0
30.0	-1.74	-1.74	31.67	25.53	250.2	0.087	1437.1
35.0	-1.76	-1.76	31.67	25.54	250.3	0.099	1437.2
40.0	-1.77	-1.77	31.67	25.55	250.4	0.109	1437.3
45.0	-1.78	-1.78	31.67	25.56	250.5	0.120	1437.4
50.0	-1.78	-1.78	31.67	25.57	250.6	0.138	1437.5
55.0	-1.78	-1.78	31.67	25.58	250.7	0.155	1437.6
60.0	-1.78	-1.78	31.67	25.59	250.8	0.170	1437.7
65.0	-1.78	-1.78	31.67	25.60	250.9	0.184	1437.8
70.0	-1.78	-1.78	31.67	25.61	251.0	0.195	1437.9
80.0	-1.67	-1.67	31.67	25.62	251.1	0.205	1438.0
90.0	-1.57	-1.57	31.67	25.63	251.2	0.212	1438.1
100.0	-1.57	-1.57	31.67	25.64	251.3	0.219	1438.2
110.0	-1.51	-1.51	31.67	25.65	251.4	0.225	1438.3
120.0	-1.44	-1.44	31.67	25.66	251.5	0.234	1438.4
130.0	-1.33	-1.33	31.67	25.67	251.6	0.245	1438.5
140.0	-1.19	-1.19	31.67	25.68	251.7	0.259	1438.6
150.0	-1.08	-1.08	31.67	25.69	251.8	0.273	1438.7
160.0	-0.99	-0.99	31.67	25.70	251.9	0.281	1438.8
170.0	-0.89	-0.89	31.67	25.71	252.0	0.285	1438.9
180.0	-0.83	-0.83	31.67	25.72	252.1	0.287	1439.0
190.0	-0.69	-0.69	31.67	25.73	252.2	0.294	1439.1
200.0	-0.52	-0.52	31.67	25.74	252.3	0.302	1439.2
210.0	-0.38	-0.38	31.67	25.75	252.4	0.307	1439.3
220.0	-0.24	-0.24	31.67	25.76	252.5	0.308	1439.4
230.0	-0.10	-0.10	31.67	25.77	252.6	0.309	1439.5
240.0	0.02	0.02	31.67	25.78	252.7	0.309	1439.6
250.0	0.14	0.14	31.67	25.79	252.8	0.309	1439.7
260.0	0.26	0.26	31.67	25.80	252.9	0.309	1439.8
270.0	0.31	0.31	31.67	25.81	253.0	0.309	1439.9
280.0	0.34	0.34	31.67	25.82	253.1	0.309	1440.0
290.0	0.43	0.43	31.67	25.83	253.2	0.309	1440.1
300.0	0.51	0.51	31.67	25.84	253.3	0.309	1440.2
310.0	0.54	0.54	31.67	25.85	253.4	0.309	1440.3
320.0	0.57	0.57	31.67	25.86	253.5	0.309	1440.4
330.0	0.58	0.58	31.67	25.87	253.6	0.309	1440.5
340.0	0.66	0.66	31.67	25.88	253.7	0.309	1440.6
350.0	0.69	0.69	31.67	25.89	253.8	0.309	1440.7
370.0	0.69	0.69	31.67	25.90	253.9	0.309	1440.8
390.0	0.64	0.64	31.67	25.91	254.0	0.309	1440.9
410.0	0.60	0.60	31.67	25.92	254.1	0.309	1441.0
430.0	0.57	0.57	31.67	25.93	254.2	0.309	1441.1
450.0	0.54	0.54	31.67	25.94	254.3	0.309	1441.2
470.0	0.49	0.49	31.67	25.95	254.4	0.309	1441.3
490.0	0.44	0.44	31.67	25.96	254.5	0.309	1441.4
510.0	0.40	0.40	31.67	25.97	254.6	0.309	1441.5
530.0	0.35	0.35	31.67	25.98	254.7	0.309	1441.6
550.0	0.31	0.31	31.67	25.99	254.8	0.309	1441.7
570.0	0.26	0.26	31.67	26.00	254.9	0.309	1441.8
590.0	0.17	0.17	31.67	26.01	255.0	0.309	1441.9
610.0	0.13	0.13	31.67	26.02	255.1	0.309	1442.0
630.0	0.11	0.11	31.67	26.03	255.2	0.309	1442.1
650.0	0.08	0.08	31.67	26.04	255.3	0.309	1442.2
670.0	0.06	0.06	31.67	26.05	255.4	0.309	1442.3
690.0	0.06	0.06	31.67	26.06	255.5	0.309	1442.4
698.9	0.06	0.06	31.67	26.07	255.6	0.309	1442.5

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BOT NUM = 2 26.0  
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SALIN 31.66  
31.65







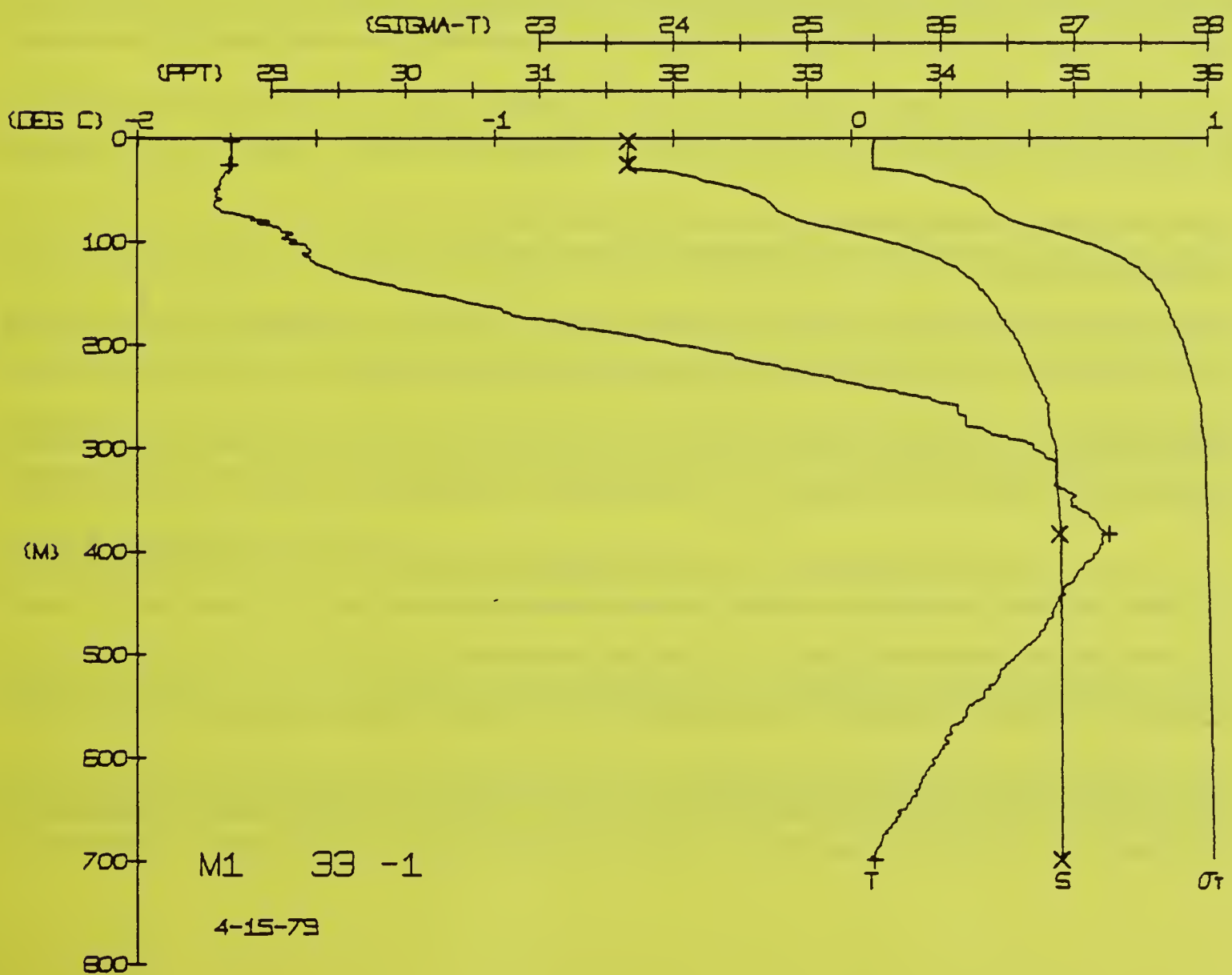
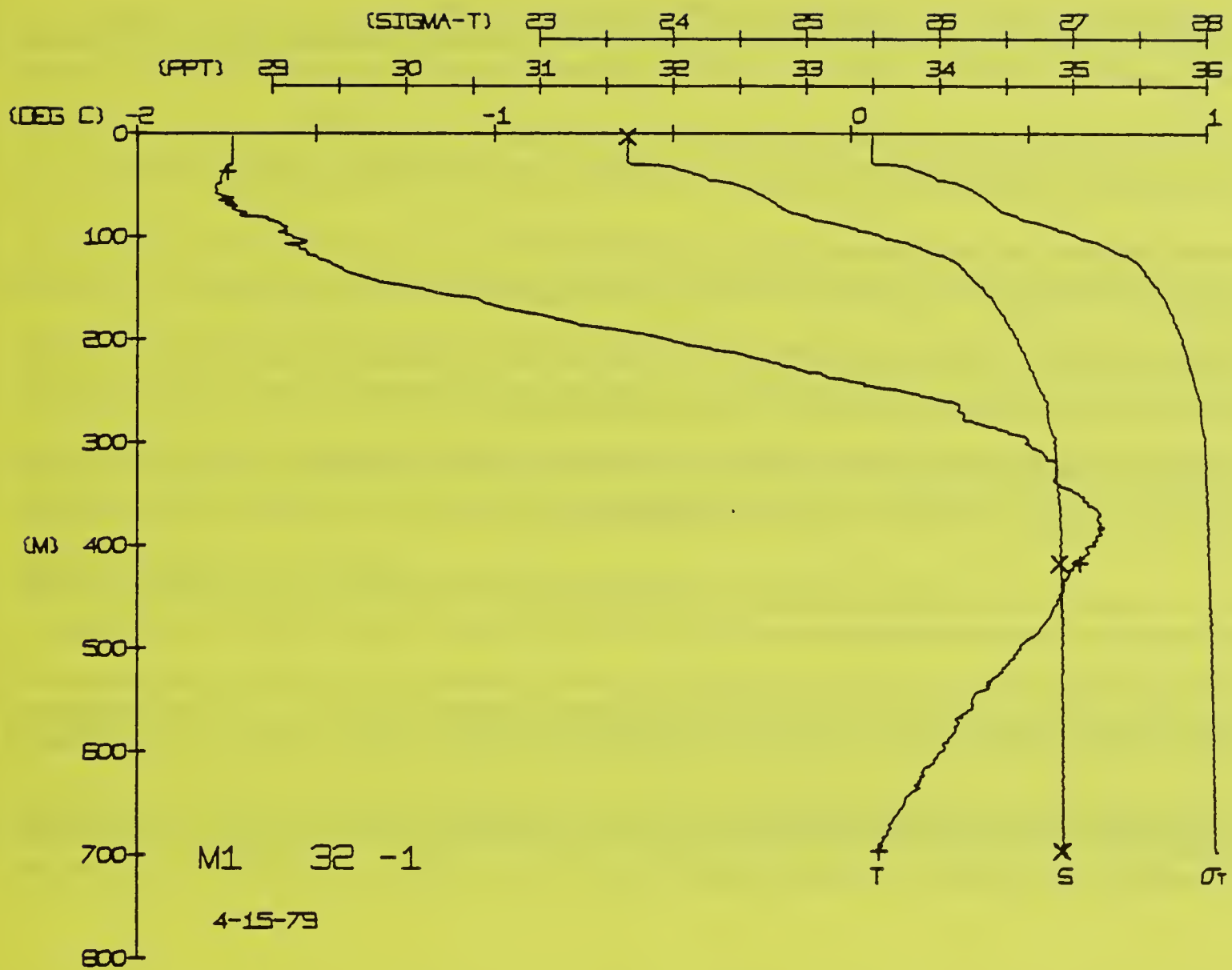
FRAM 1 STATION 32(1) CTD 15/APR/1979 928 GMT CODE = 1  
LAT = 84.5187N LNG = 9.2420W LTER = 1. LGER = 1.  
AIR TEMP = -29.3 BAROM = 1041.3 WIND = 87.0 SPEED = 2.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.67	25.50	249.3	0.000	1436.4
1	-1.73	-1.74	31.67	25.50	249.3	0.008	1436.5
2	-1.73	-1.74	31.67	25.50	249.3	0.013	1436.5
3	-1.73	-1.74	31.67	25.50	249.3	0.023	1436.6
4	-1.73	-1.74	31.67	25.50	249.3	0.038	1436.7
5	-1.73	-1.74	31.67	25.50	249.3	0.050	1436.8
6	-1.73	-1.74	31.67	25.50	249.3	0.063	1436.9
7	-1.73	-1.74	31.67	25.50	249.3	0.075	1437.0
8	-1.73	-1.74	31.67	25.50	249.3	0.087	1437.1
9	-1.73	-1.74	31.67	25.50	249.3	0.099	1437.2
10	-1.73	-1.74	31.67	25.50	249.3	0.109	1437.3
11	-1.73	-1.74	31.67	25.50	249.3	0.119	1437.4
12	-1.73	-1.74	31.67	25.50	249.3	0.128	1437.5
13	-1.73	-1.74	31.67	25.50	249.3	0.137	1437.6
14	-1.73	-1.74	31.67	25.50	249.3	0.145	1437.7
15	-1.73	-1.74	31.67	25.50	249.3	0.154	1437.8
16	-1.73	-1.74	31.67	25.50	249.3	0.163	1437.9
17	-1.73	-1.74	31.67	25.50	249.3	0.170	1438.0
18	-1.73	-1.74	31.67	25.50	249.3	0.179	1438.1
19	-1.73	-1.74	31.67	25.50	249.3	0.184	1438.2
20	-1.73	-1.74	31.67	25.50	249.3	0.195	1438.3
21	-1.73	-1.74	31.67	25.50	249.3	0.205	1438.4
22	-1.73	-1.74	31.67	25.50	249.3	0.213	1438.5
23	-1.73	-1.74	31.67	25.50	249.3	0.221	1438.6
24	-1.73	-1.74	31.67	25.50	249.3	0.229	1438.7
25	-1.73	-1.74	31.67	25.50	249.3	0.234	1438.8
26	-1.73	-1.74	31.67	25.50	249.3	0.238	1438.9
27	-1.73	-1.74	31.67	25.50	249.3	0.242	1439.0
28	-1.73	-1.74	31.67	25.50	249.3	0.245	1439.1
29	-1.73	-1.74	31.67	25.50	249.3	0.249	1439.2
30	-1.73	-1.74	31.67	25.50	249.3	0.254	1439.3
31	-1.73	-1.74	31.67	25.50	249.3	0.257	1439.4
32	-1.73	-1.74	31.67	25.50	249.3	0.259	1439.5
33	-1.73	-1.74	31.67	25.50	249.3	0.261	1439.6
34	-1.73	-1.74	31.67	25.50	249.3	0.263	1439.7
35	-1.73	-1.74	31.67	25.50	249.3	0.265	1439.8
36	-1.73	-1.74	31.67	25.50	249.3	0.266	1439.9
37	-1.73	-1.74	31.67	25.50	249.3	0.268	1440.0
38	-1.73	-1.74	31.67	25.50	249.3	0.269	1440.1
39	-1.73	-1.74	31.67	25.50	249.3	0.271	1440.2
40	-1.73	-1.74	31.67	25.50	249.3	0.272	1440.3
41	-1.73	-1.74	31.67	25.50	249.3	0.274	1440.4
42	-1.73	-1.74	31.67	25.50	249.3	0.275	1440.5
43	-1.73	-1.74	31.67	25.50	249.3	0.276	1440.6
44	-1.73	-1.74	31.67	25.50	249.3	0.277	1440.7
45	-1.73	-1.74	31.67	25.50	249.3	0.278	1440.8
46	-1.73	-1.74	31.67	25.50	249.3	0.279	1440.9
47	-1.73	-1.74	31.67	25.50	249.3	0.281	1441.0
48	-1.73	-1.74	31.67	25.50	249.3	0.284	1441.1
49	-1.73	-1.74	31.67	25.50	249.3	0.286	1441.2
50	-1.73	-1.74	31.67	25.50	249.3	0.288	1441.3
51	-1.73	-1.74	31.67	25.50	249.3	0.289	1441.4
52	-1.73	-1.74	31.67	25.50	249.3	0.290	1441.5
53	-1.73	-1.74	31.67	25.50	249.3	0.291	1441.6
54	-1.73	-1.74	31.67	25.50	249.3	0.292	1441.7
55	-1.73	-1.74	31.67	25.50	249.3	0.294	1441.8
56	-1.73	-1.74	31.67	25.50	249.3	0.296	1441.9
57	-1.73	-1.74	31.67	25.50	249.3	0.298	1442.0
58	-1.73	-1.74	31.67	25.50	249.3	0.300	1442.1
59	-1.73	-1.74	31.67	25.50	249.3	0.302	1442.2
60	-1.73	-1.74	31.67	25.50	249.3	0.303	1442.3
61	-1.73	-1.74	31.67	25.50	249.3	0.305	1442.4
62	-1.73	-1.74	31.67	25.50	249.3	0.306	1442.5
63	-1.73	-1.74	31.67	25.50	249.3	0.308	1442.6
64	-1.73	-1.74	31.67	25.50	249.3	0.309	1442.7
65	-1.73	-1.74	31.67	25.50	249.3	0.310	1442.8
66	-1.73	-1.74	31.67	25.50	249.3	0.311	1442.9
67	-1.73	-1.74	31.67	25.50	249.3	0.312	1443.0
68	-1.73	-1.74	31.67	25.50	249.3	0.313	1443.1
69	-1.73	-1.74	31.67	25.50	249.3	0.314	1443.2
70	-1.73	-1.74	31.67	25.50	249.3	0.315	1443.3
71	-1.73	-1.74	31.67	25.50	249.3	0.316	1443.4
72	-1.73	-1.74	31.67	25.50	249.3	0.317	1443.5
73	-1.73	-1.74	31.67	25.50	249.3	0.318	1443.6
74	-1.73	-1.74	31.67	25.50	249.3	0.319	1443.7
75	-1.73	-1.74	31.67	25.50	249.3	0.320	1443.8
76	-1.73	-1.74	31.67	25.50	249.3	0.321	1443.9
77	-1.73	-1.74	31.67	25.50	249.3	0.322	1444.0
78	-1.73	-1.74	31.67	25.50	249.3	0.323	1444.1
79	-1.73	-1.74	31.67	25.50	249.3	0.324	1444.2
80	-1.73	-1.74	31.67	25.50	249.3	0.325	1444.3
81	-1.73	-1.74	31.67	25.50	249.3	0.326	1444.4
82	-1.73	-1.74	31.67	25.50	249.3	0.327	1444.5
83	-1.73	-1.74	31.67	25.50	249.3	0.328	1444.6
84	-1.73	-1.74	31.67	25.50	249.3	0.329	1444.7
85	-1.73	-1.74	31.67	25.50	249.3	0.330	1444.8
86	-1.73	-1.74	31.67	25.50	249.3	0.331	1444.9
87	-1.73	-1.74	31.67	25.50	249.3	0.332	1445.0
88	-1.73	-1.74	31.67	25.50	249.3	0.333	1445.1
89	-1.73	-1.74	31.67	25.50	249.3	0.334	1445.2
90	-1.73	-1.74	31.67	25.50	249.3	0.335	1445.3
91	-1.73	-1.74	31.67	25.50	249.3	0.336	1445.4
92	-1.73	-1.74	31.67	25.50	249.3	0.337	1445.5
93	-1.73	-1.74	31.67	25.50	249.3	0.338	1445.6
94	-1.73	-1.74	31.67	25.50	249.3	0.339	1445.7
95	-1.73	-1.74	31.67	25.50	249.3	0.340	1445.8
96	-1.73	-1.74	31.67	25.50	249.3	0.341	1445.9
97	-1.73	-1.74	31.67	25.50	249.3	0.342	1446.0
98	-1.73	-1.74	31.67	25.50	249.3	0.343	1446.1
99	-1.73	-1.74	31.67	25.50	249.3	0.344	1446.2
100	-1.73	-1.74	31.67	25.50	249.3	0.345	1446.3

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
3.2  
38.0  
418.3  
697.3  
-1.75  
0.64  
0.08  
31.65  
34.88  
34.90

FRAM 1 STATION 33(1) CTD 15/APR/1979 1830 GMT CODE = 1  
LAT = 84.5186N LNG = 9.2459W LTER = 0. LGER = 0.  
AIR TEMP = -30.8 BAROM = 1041.0 WIND = 98.0 SPEED = 2.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.67	25.50	249.5	0.000	1436.4
1	-1.74	-1.74	31.67	25.50	249.5	0.008	1436.5
2	-1.74	-1.74	31.67	25.50	249.5	0.013	1436.5
3	-1.74	-1.74	31.67	25.50	249.5	0.023	1436.6
4	-1.74	-1.74	31.67	25.50	249.5	0.038	1436.7
5	-1.74	-1.74	31.67	25.50	249.5	0.050	1436.8
6	-1.74	-1.74	31.67	25.50	249.5	0.063	1436.9
7	-1.74	-1.74	31.67	25.50	249.5	0.075	1437.0
8	-1.74	-1.74	31.67	25.50	249.5	0.087	1437.1
9	-1.74	-1.74	31.67	25.50	249.5	0.099	1437.2
10	-1.74	-1.74	31.67	25.50	249.5	0.109	1437.3
11	-1.74	-1.74	31.67	25.50	249.5	0.118	1437.4
12	-1.74	-1.74	31.67	25.50	249.5	0.127	1437.5
13	-1.74	-1.74	31.67	25.50	249.5	0.136	1437.6
14	-1.74	-1.74	31.67	25.50	249.5	0.144	1437.7
15	-1.74	-1.74	31.67	25.50	249.5	0.153	1437.8
16	-1.74	-1.74	31.67	25.50	249.5	0.168	1437.9
17	-1.74	-1.74	31.67	25.50	249.5	0.182	1438.0
18	-1.74	-1.74	31.67	25.50	249.5	0.194	1438.1
19	-1.74	-1.74	31.67	25.50	249.5	0.203	1438.2
20	-1.74	-1.74	31.67	25.50	249.5	0.211	1438.3
21	-1.74	-1.74	31.67	25.50	249.5	0.217	1438.4
22	-1.74	-1.74	31.67	25.50	249.5	0.223	1438.5
23	-1.74	-1.74	31.67	25.50	249.5	0.228	1438.6
24	-1.74	-1.74	31.67	25.50	249.5	0.232	1438.7
25	-1.74	-1.74	31.67	25.50	249.5	0.236	1438.8
26	-1.74	-1.74	31.67	25.50	249.5	0.240	1438.9
27	-1.74	-1.74	31.67	25.50	249.5	0.243	1439.0
28	-1.74	-1.74	31.67	25.50	249.5	0.246	1439.1
29	-1.74	-1.74	31.67	25.50	249.5	0.249	1439.2
30	-1.74	-1.74	31.67	25.50	249.5	0.252	1439.3
31	-1.74	-1.74	31.67	25.50	249.5	0.254	1439.4
32	-1.74	-1.74	31.67	25.50	249.5	0.256	1439.5
33	-1.74	-1.74	31.67	25.50	249.5	0.258	1439.6
34	-1.74	-1.74	31.67	25.50	249.5	0.260	1439.7
35	-1.74	-1.74	31.67	25.50	249.5	0.261	1439.8
36	-1.74	-1.74	31.67	25.50	249.5	0.263	1439.9
37	-1.74	-1.74	31.67	25.50	249.5	0.265	1440.0
38	-1.74	-1.74	31.67	25.50	249.5	0.266	1440.1
39	-1.74	-1.74	31.67	25.50	249.5	0.267	1440.2
40	-1.74	-1.74	31.67	25.50	249.5	0.269	1440.3
41	-1.74	-1.74	31.67	25.50	249.5	0.270	1440.4
42	-1.74	-1.74	31.67	25.50	249.5	0.272	1440.5
43	-1.74	-1.74	31.67	25.50	249.5	0.273	1440.6
44	-1.74	-1.74	31.67	25.50	249.5	0.275	1440.7
45	-1.74	-1.74	31.67	25.50	249.5	0.276	1440.8
46	-1.74	-1.74	31.67	25.50	249.5	0.277	1440.9





FRAM 1 STATION 34(1) CTD 16/APR/1979 706 GMT CODE = 1  
LAT = 84.5178N LNG = 9.2486W LTER = 1. LGER = 2.  
AIR TEMP = -30.8 BAROM = 1040.3 WIND = 98.0 SPEED = 2.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.67	25.50	249.1	0.000	1436.4
3.0	-1.74	-1.74	31.67	25.50	249.1	0.008	1436.5
5.0	-1.74	-1.74	31.66	25.49	249.6	0.013	1436.5
10.0	-1.74	-1.74	31.66	25.49	249.5	0.025	1436.6
15.0	-1.74	-1.74	31.66	25.49	249.6	0.038	1436.7
20.0	-1.74	-1.74	31.65	25.49	249.8	0.050	1436.8
25.0	-1.74	-1.74	31.65	25.49	250.1	0.063	1436.8
30.0	-1.74	-1.74	31.65	25.49	250.2	0.075	1437.1
35.0	-1.74	-1.74	31.65	25.49	250.2	0.087	1437.4
40.0	-1.76	-1.76	32.03	25.92	190.0	0.098	1437.7
45.0	-1.78	-1.78	32.42	26.11	180.7	0.108	1438.0
50.0	-1.78	-1.78	32.55	26.22	173.6	0.117	1438.3
55.0	-1.78	-1.78	32.64	26.34	165.7	0.126	1438.5
60.0	-1.79	-1.79	32.75	26.37	162.9	0.135	1438.8
65.0	-1.78	-1.78	32.78	26.40	151.1	0.143	1438.8
70.0	-1.78	-1.78	32.94	26.53	142.7	0.151	1438.9
80.0	-1.68	-1.68	33.27	27.72	38.3	0.167	1439.8
90.0	-1.56	-1.56	33.57	27.03	102.8	0.181	1440.6
100.0	-1.52	-1.52	33.83	27.25	68.7	0.193	1441.6
110.0	-1.52	-1.52	34.02	27.40	57.4	0.202	1442.8
120.0	-1.51	-1.51	34.17	27.51	41.1	0.210	1443.5
130.0	-1.43	-1.44	34.32	27.63	32.0	0.216	1444.3
140.0	-1.35	-1.36	34.44	27.76	23.9	0.222	1444.5
150.0	-1.21	-1.21	34.59	27.88	19.3	0.227	1444.5
160.0	-1.05	-1.05	34.75	27.92	17.7	0.231	1444.6
170.0	-0.94	-0.95	34.81	27.95	16.6	0.235	1444.6
180.0	-0.77	-0.77	34.86	27.97	15.7	0.239	1444.7
190.0	-0.66	-0.67	34.90	27.98	14.4	0.242	1444.7
200.0	-0.51	-0.52	34.93	27.99	13.3	0.245	1444.8
210.0	-0.36	-0.37	34.95	27.99	12.6	0.248	1444.9
220.0	-0.23	-0.24	34.96	27.99	11.5	0.250	1445.0
230.0	-0.11	-0.12	34.97	27.99	10.3	0.253	1445.2
240.0	-0.02	-0.03	34.98	27.99	9.1	0.255	1445.3
250.0	0.11	0.10	34.99	27.99	8.2	0.257	1445.4
260.0	0.24	0.23	34.99	27.99	7.1	0.259	1445.4
270.0	0.30	0.29	34.80	27.95	6.1	0.261	1445.4
280.0	0.32	0.31	34.81	27.95	5.1	0.262	1445.5
290.0	0.42	0.41	34.83	27.97	4.1	0.264	1445.5
300.0	0.49	0.48	34.85	27.99	3.3	0.266	1445.6
310.0	0.51	0.49	34.86	27.99	2.7	0.267	1445.6
320.0	0.55	0.53	34.87	27.99	2.2	0.268	1445.6
330.0	0.58	0.56	34.87	27.99	1.9	0.270	1445.7
340.0	0.57	0.55	34.87	27.99	1.6	0.271	1445.7
350.0	0.61	0.59	34.88	28.00	1.2	0.272	1445.7
360.0	0.65	0.64	34.89	28.00	1.1	0.275	1445.8
370.0	0.68	0.66	34.90	28.01	1.0	0.277	1445.8
380.0	0.63	0.61	34.90	28.01	0.9	0.280	1445.8
390.0	0.63	0.61	34.90	28.01	0.8	0.282	1445.8
400.0	0.62	0.60	34.90	28.02	0.7	0.284	1445.9
410.0	0.56	0.58	34.91	28.03	0.6	0.286	1445.9
420.0	0.56	0.53	34.91	28.03	0.5	0.289	1445.9
430.0	0.50	0.48	34.91	28.03	0.4	0.290	1445.9
440.0	0.46	0.43	34.92	28.04	0.3	0.294	1445.9
450.0	0.35	0.33	34.92	28.04	0.2	0.296	1446.0
460.0	0.26	0.23	34.92	28.04	0.1	0.297	1446.0
470.0	0.19	0.16	34.91	28.05	0.0	0.299	1446.0
480.0	0.15	0.12	34.91	28.05	0.0	0.301	1446.0
490.0	0.11	0.08	34.92	28.05	0.0	0.304	1446.0
500.0	0.08	0.05	34.92	28.06	0.0	0.306	1446.1

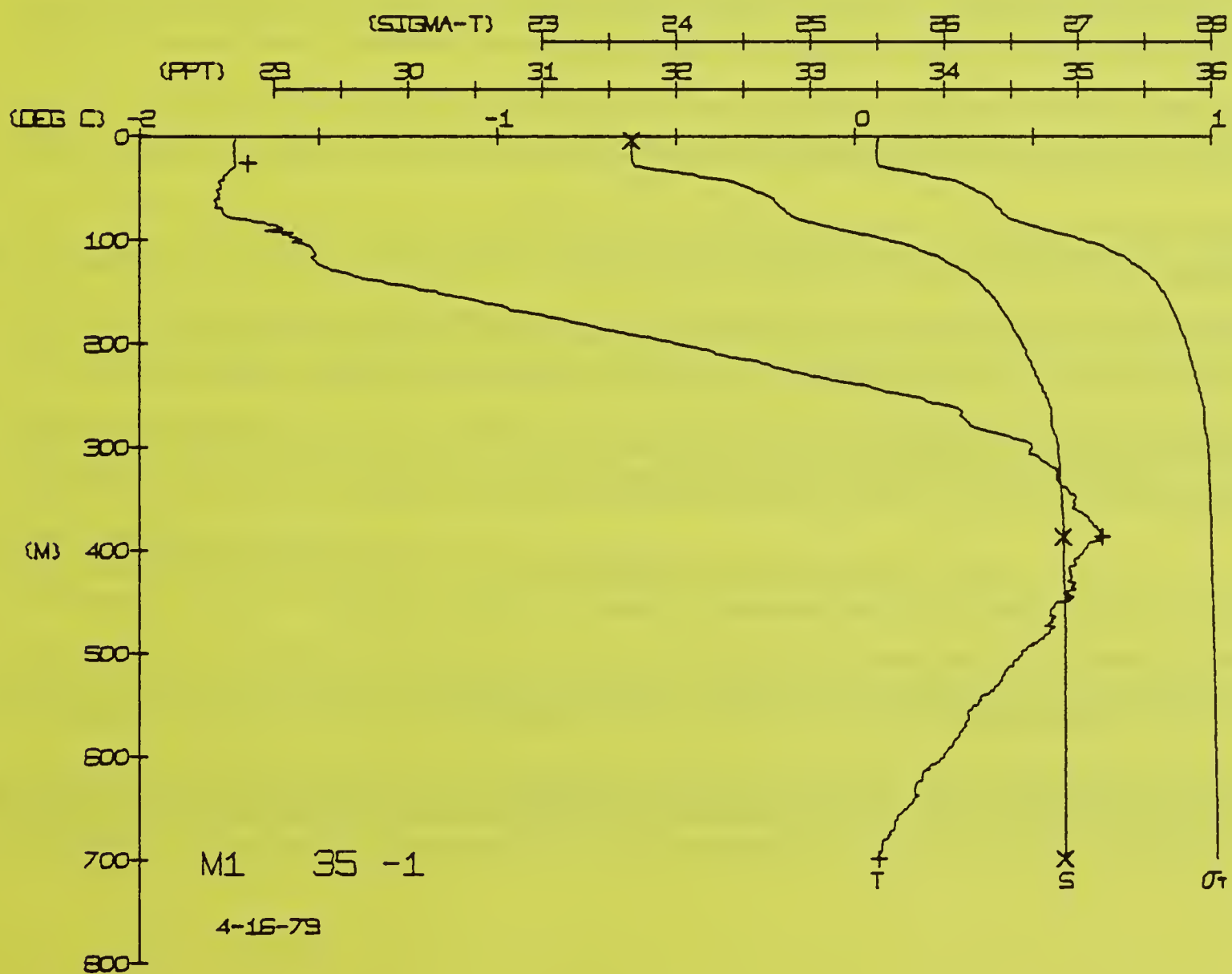
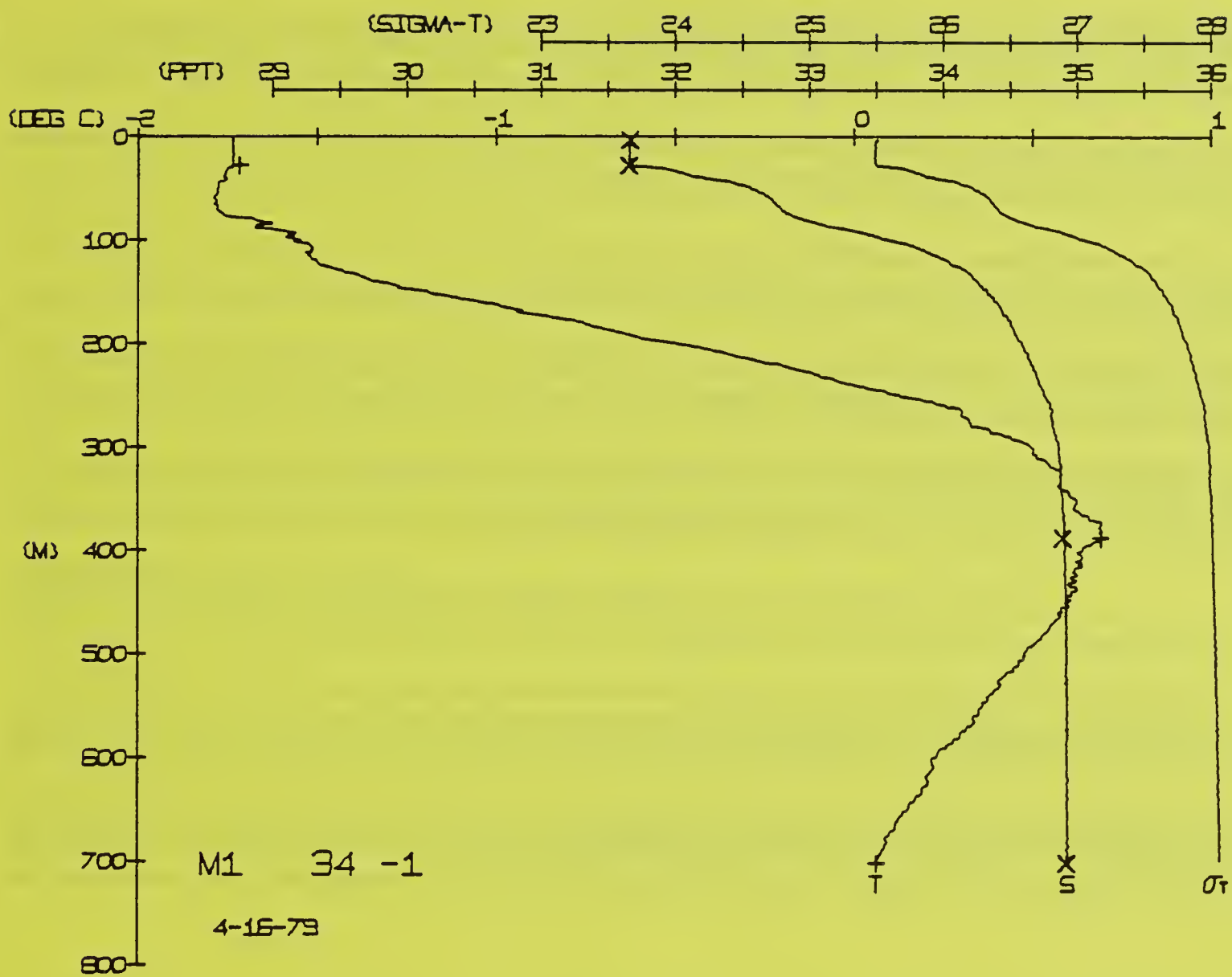
DEPTH TEMP. SALIN  
BOT NUM = 1 3.4  
BOT NUM = 2 27.7  
BOT NUM = 3 387.3  
BOT NUM = 4 703.1  
-1.72  
0.69  
0.06  
31.65  
31.88  
34.90

FRAM 1 STATION 35(1) CTD 16/APR/1979 1817 GMT CODE = 1  
LAT = 84.5201N LNG = 9.3347W LTER = 0. LGER = 0.  
AIR TEMP = -31.7 BAROM = 1036.8 WIND = 80.0 SPEED = 3.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.67	25.50	249.3	0.000	1436.4
3.0	-1.73	-1.73	31.67	25.50	249.3	0.008	1436.5
5.0	-1.73	-1.73	31.67	25.50	249.4	0.013	1436.5
10.0	-1.73	-1.73	31.67	25.50	249.4	0.025	1436.6
15.0	-1.73	-1.73	31.67	25.50	249.4	0.038	1436.7
20.0	-1.73	-1.73	31.67	25.50	249.4	0.050	1436.8
25.0	-1.73	-1.73	31.67	25.50	249.4	0.063	1436.8
30.0	-1.73	-1.73	31.67	25.50	249.4	0.075	1437.1
35.0	-1.73	-1.73	31.67	25.50	249.4	0.087	1437.4
40.0	-1.76	-1.76	32.20	26.12	209.0	0.098	1437.7
45.0	-1.77	-1.77	32.44	26.29	189.8	0.108	1438.0
50.0	-1.78	-1.78	32.54	26.35	174.0	0.117	1438.3
55.0	-1.78	-1.78	32.64	26.41	163.5	0.126	1438.5
60.0	-1.79	-1.79	32.75	26.41	153.4	0.135	1438.8
65.0	-1.77	-1.77	32.79	26.50	142.7	0.143	1438.8
70.0	-1.73	-1.73	33.20	27.73	103.4	0.151	1439.8
80.0	-1.65	-1.65	33.45	27.72	84.0	0.167	1440.6
90.0	-1.55	-1.55	33.82	27.03	69.5	0.181	1441.6
100.0	-1.52	-1.52	34.01	27.23	59.1	0.193	1442.8
110.0	-1.51	-1.51	34.14	27.38	41.1	0.202	1443.5
120.0	-1.45	-1.45	34.26	27.49	31.8	0.210	1444.3
130.0	-1.35	-1.35	34.33	27.58	23.9	0.216	1444.5
140.0	-1.18	-1.18	34.40	27.69	19.3	0.222	1444.5
150.0	-1.04	-1.04	34.45	27.72	17.7	0.227	1444.5
160.0	-0.93	-0.93	34.45	27.72	16.6	0.231	1444.6
170.0	-0.79	-0.79	34.50	27.76	15.7	0.235	1444.6
180.0	-0.65	-0.65	34.54	27.79	14.4	0.239	1444.7
190.0	-0.51	-0.51	34.59	27.82	13.3	0.242	1444.7
200.0	-0.39	-0.40	34.61	27.84	12.6	0.245	1444.8
210.0	-0.25	-0.26	34.66	27.86	11.5	0.248	1444.9
220.0	-0.13	-0.14	34.72	27.88	10.3	0.250	1445.0
230.0	0.00	0.01	34.76	27.90	9.1	0.253	1445.2
240.0	0.14	0.13	34.79	27.92	8.2	0.255	1445.3
250.0	0.25	0.24	34.81	27.94	7.1	0.257	1445.4
260.0	0.30	0.29	34.86	27.95	6.1	0.259	1445.4
270.0	0.33	0.32	34.87	27.97	5.1	0.261	1445.4
280.0	0.43	0.41	34.88	27.99	4.1	0.262	1445.5
290.0	0.50	0.48	34.86	27.99	3.3	0.264	1445.5
300.0	0.51	0.50	34.86	27.99	2.7	0.266	1445.6
310.0	0.55	0.54	34.87	27.99	2.2	0.267	1445.6
320.0	0.57	0.55	34.87	27.99	1.9	0.268	1445.6
330.0	0.59	0.57	34.88	28.00	1.6	0.270	1445.7
340.0	0.62	0.60	34.90	28.01	1.4	0.271	1445.7
350.0	0.65	0.64	34.90	28.01	1.2	0.272	1445.7
360.0	0.68	0.67	34.90	28.01	1.1	0.275	1445.8
370.0	0.62	0.60	34.91	28.02	1.0	0.277	1445.8
380.0	0.56	0.58	34.91	28.03	0.9	0.280	1445.8
390.0	0.51	0.49	34.91	28.03	0.8	0.282	1445.8
400.0	0.44	0.42	34.91	28.04	0.7	0.284	1445.9
410.0	0.40	0.38	34.91	28.04	0.6	0.286	1445.9
420.0	0.34	0.32	34.91	28.04	0.5	0.289	1445.9
430.0	0.27	0.25	34.92	28.05	0.4	0.290	1445.9
440.0	0.21	0.18	34.91	28.05	0.3	0.294	1445.9
450.0	0.17	0.14	34.91	28.05	0.2	0.296	1446.0
460.0	0.15	0.12	34.92	28.05	0.1	0.297	1446.0
470.0	0.11	0.08	34.92	28.05	0.0	0.299	1446.0
480.0	0.08	0.05	34.92	28.06	0.0	0.301	1446.0
490.0	0.08	0.05	34.92	28.06	0.0	0.304	1446.0
500.0	0.08	0.05	34.92	28.06	0.0	0.306	1446.1

DEPTH TEMP. SALIN  
BOT NUM = 1 3.7  
BOT NUM = 2 25.9  
BOT NUM = 3 387.3  
BOT NUM = 4 699.4  
-1.70  
0.69  
0.07  
31.66  
34.89  
34.90





FRAM 1 STATION 36(1) CTD 17/APR/1979 709 GMT CODE = 1  
LAT = 84.5254N LNG = 9.5358W LTER = 1. LGER = 2.  
AIR TEMP = -31.7 BAROM = 1030.6 WIND = 80.0 SPEED = 3.6

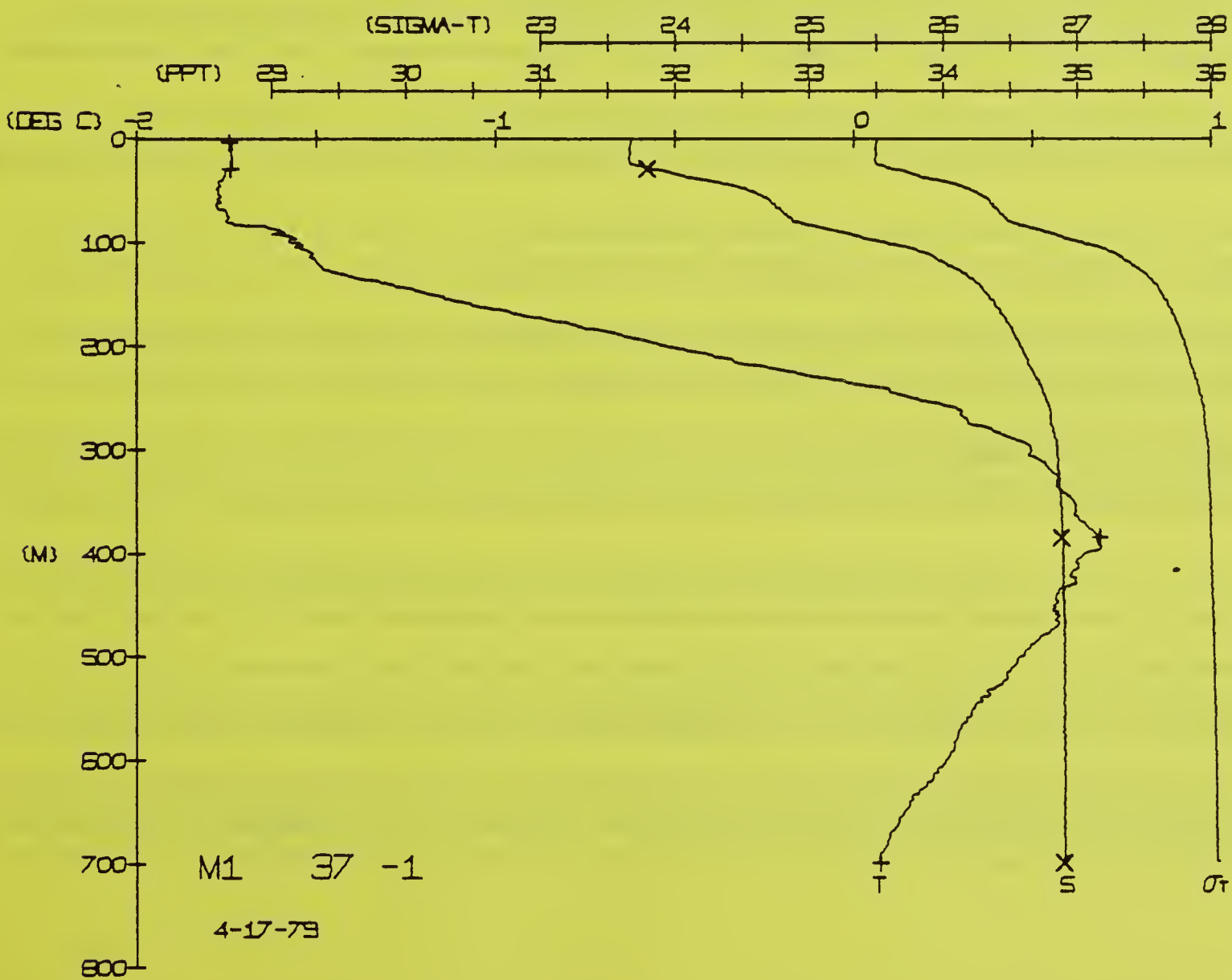
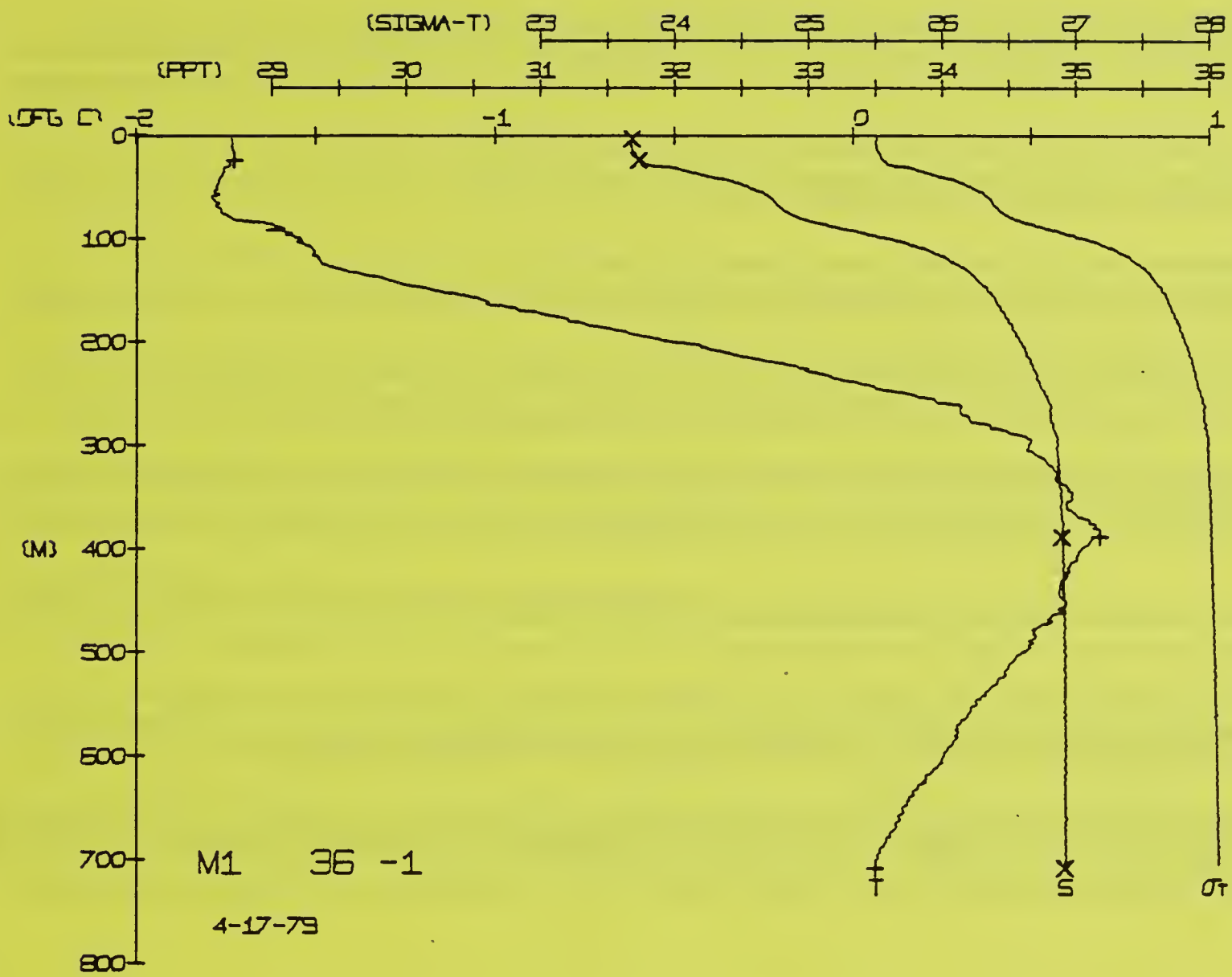
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.68	25.51	248.3	0.000	1436.5
3.1	-1.74	-1.74	31.68	25.51	248.3	0.008	1436.5
5.0	-1.74	-1.74	31.67	25.50	248.2	0.013	1436.5
10.0	-1.73	-1.73	31.69	25.51	247.6	0.025	1436.7
15.0	-1.73	-1.73	31.71	25.53	245.9	0.050	1436.8
20.0	-1.74	-1.74	31.76	25.57	242.3	0.062	1437.0
25.0	-1.74	-1.74	31.83	25.63	236.6	0.074	1437.1
30.0	-1.76	-1.76	32.07	25.96	218.3	0.096	1437.5
35.0	-1.77	-1.77	32.24	26.10	205.1	0.106	1437.8
40.0	-1.77	-1.77	32.41	26.19	191.7	0.106	1438.1
45.0	-1.78	-1.78	32.52	26.19	182.9	0.116	1438.3
50.0	-1.78	-1.78	32.63	26.19	175.9	0.125	1438.5
55.0	-1.79	-1.79	32.75	26.37	165.3	0.142	1438.8
60.0	-1.78	-1.78	32.78	26.40	163.0	0.150	1439.0
65.0	-1.77	-1.77	32.92	26.51	152.3	0.166	1439.5
70.0	-1.74	-1.74	33.21	27.03	130.8	0.192	1442.4
80.0	-1.59	-1.59	33.57	27.27	80.0	0.201	1442.9
90.0	-1.55	-1.55	33.86	27.40	67.6	0.209	1443.4
100.0	-1.51	-1.51	34.03	27.51	57.3	0.215	1443.5
110.0	-1.49	-1.49	34.17	27.58	45.5	0.221	1443.9
120.0	-1.44	-1.44	34.25	27.64	41.1	0.225	1444.5
130.0	-1.41	-1.41	34.31	27.69	38.9	0.230	1444.6
140.0	-1.39	-1.39	34.40	27.72	34.0	0.234	1444.7
150.0	-1.04	-1.04	34.44	27.75	31.9	0.241	1448.7
160.0	-0.80	-0.80	34.49	27.81	27.4	0.247	1449.5
170.0	-0.65	-0.65	34.54	27.83	24.7	0.252	1450.4
180.0	-0.52	-0.52	34.57	27.86	22.1	0.254	1452.8
190.0	-0.38	-0.38	34.61	27.88	21.9	0.256	1453.3
200.0	-0.24	-0.24	34.66	27.90	21.6	0.258	1454.4
210.0	-0.13	-0.13	34.72	27.92	21.2	0.259	1454.7
220.0	-0.00	-0.00	34.76	27.95	20.8	0.260	1454.8
230.0	0.13	0.13	34.80	27.96	17.7	0.261	1455.2
240.0	0.26	0.26	34.82	27.98	15.4	0.263	1455.6
250.0	0.35	0.35	34.85	27.98	14.3	0.264	1455.6
260.0	0.45	0.45	34.86	27.99	13.6	0.266	1456.1
270.0	0.51	0.51	34.87	27.99	13.3	0.267	1456.6
280.0	0.55	0.55	34.87	27.99	13.3	0.267	1456.6
290.0	0.57	0.57	34.87	27.99	13.3	0.267	1456.6
300.0	0.58	0.58	34.87	27.99	13.3	0.267	1456.6
310.0	0.59	0.59	34.87	27.99	13.3	0.267	1456.6
320.0	0.61	0.61	34.87	27.99	13.3	0.267	1456.6
330.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
340.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
350.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
360.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
370.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
380.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
390.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
400.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
410.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
420.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
430.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
440.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
450.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
460.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
470.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
480.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
490.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
500.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
510.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
520.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
530.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
540.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
550.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
560.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
570.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
580.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
590.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
600.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
610.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
620.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
630.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
640.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
650.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
660.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
670.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
680.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6
690.0	0.63	0.63	34.87	27.99	13.3	0.267	1456.6

DEPTH 3.2 24.6 389.6 709.2  
TEMP -1.73 0.69 0.06  
SALIN 31.68 31.73 34.89 34.90  
BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

FRAM 1 STATION 37(1) CTD 17/APR/1979 1837 GMT CODE = 1  
LAT = 84.5183N LNG = 9.6351W LTER = 2. LGER = 5.  
AIR TEMP = -26.9 BAROM = 1022.8 WIND = 336.0 SPEED = 2.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.67	25.50	249.2	0.000	1436.4
3.1	-1.74	-1.74	31.67	25.50	249.2	0.008	1436.5
5.0	-1.74	-1.74	31.67	25.50	249.0	0.013	1436.5
10.0	-1.73	-1.74	31.66	25.50	249.3	0.025	1436.6
15.0	-1.74	-1.74	31.66	25.49	249.4	0.038	1436.7
20.0	-1.74	-1.74	31.67	25.50	248.7	0.050	1436.8
25.0	-1.73	-1.73	31.82	25.62	227.5	0.075	1437.1
30.0	-1.75	-1.76	32.02	25.91	210.1	0.097	1437.4
35.0	-1.76	-1.77	32.17	26.09	192.4	0.108	1437.7
40.0	-1.77	-1.77	32.40	26.20	175.2	0.117	1438.0
45.0	-1.77	-1.77	32.54	26.27	168.9	0.126	1438.3
50.0	-1.77	-1.77	32.71	26.34	165.9	0.135	1438.5
55.0	-1.77	-1.77	32.79	26.41	162.1	0.143	1438.8
60.0	-1.75	-1.75	32.91	26.48	153.2	0.151	1439.1
65.0	-1.73	-1.73	33.21	26.78	130.9	0.184	1442.8
70.0	-1.60	-1.60	33.53	27.00	82.9	0.203	1444.2
80.0	-1.52	-1.52	33.83	27.24	69.9	0.211	1444.3
90.0	-1.45	-1.45	34.00	27.38	59.1	0.217	1444.4
100.0	-1.50	-1.50	34.14	27.49	45.1	0.223	1444.5
110.0	-1.45	-1.45	34.25	27.57	42.2	0.228	1444.6
120.0	-1.31	-1.32	34.34	27.63	38.9	0.232	1444.6
130.0	-1.45	-1.45	34.25	27.57	34.0	0.236	1444.7
140.0	-1.20	-1.20	34.38	27.67	31.9	0.240	1448.7
150.0	-1.1	-1.07	34.44	27.72	27.4	0.244	1449.5
160.0	-1.07	-0.94	34.49	27.75	24.7	0.247	1449.5
170.0	-0.79	-0.66	34.53	27.78	22.1	0.250	1450.3
180.0	-0.65	-0.54	34.57	27.81	21.9	0.252	1451.0
190.0	-0.40	-0.27	34.61	27.83	21.6	0.255	1452.8
200.0	-0.26	-0.13	34.65	27.86	21.2	0.257	1453.3
210.0	-0.12	0.03	34.69	27.90	20.8	0.259	1454.4
220.0	0.15	0.14	34.76	27.93	17.7	0.261	1454.8
230.0	0.28	0.27	34.79	27.94	15.4	0.262	1455.2
240.0	0.31	0.30	34.82	27.95	14.3	0.264	1455.6
250.0	0.37	0.36	34.85	27.96	13.6	0.266	1456.1
260.0	0.44	0.43	34.86	27.97	13.3	0.267	1456.6
270.0	0.50	0.48	34.87	27.97	13.3	0.267	1456.6
280.0	0.55	0.53	34.87	27.97	13.3	0.267	1456.6
290.0	0.57	0.55	34.87	27.97	13.3	0.267	1456.6
300.0	0.62	0.60	34.88	27.99	12.2	0.273	1457.6
310.0	0.64	0.62	34.89	28.00	11.2	0.274	1457.7
320.0	0.64	0.60	34.90	28.01	11.1	0.276	1458.1
330.0	0.62	0.60	34.90	28.01	11.0	0.279	1458.7
340.0	0.62	0.60	34.90	28.02	10.9	0.284	1459.1
350.0	0.57	0.55	34.91	28.02	8.9	0.286	1459.4
360.0	0.57	0.55	34.91	28.03	8.8	0.288	1459.5
370.0	0.49	0.47	34.91	28.04	8.4	0.292	1459.7
380.0	0.45	0.43	34.91	28.04	8.4	0.294	1459.7
390.0	0.40	0.38	34.91	28.04	8.4	0.296	1459.7
400.0	0.34	0.31	34.92	28.04	8.5	0.298	1459.7
410.0	0.28	0.25	34.91	28.05	8.8	0.301	1460.1
420.0	0.18	0.16	34.92	28.05	7.7	0.303	1460.4
430.0	0.11	0.08	34.92	28.05	7.7	0.304	1460.5
440.0	0.07	0.04	34.91	28.06	7.7	0.306	1460.7
450.0	0.00	0.00	34.92	28.06	6.6	0.307	1460.9
460.0	0.00	0.00	34.92	28.06	6.6	0.308	1461.0







FRAM 1 STATION 38(1) CTD 18/APR/1979 716 GMT CODE = 1  
LAT = 84.5066N LNG = 9.6018W LTER = 1. LGER = 2.  
AIR TEMP = -26.9 BAROM = 1017.1 WIND = 336.0 SPEED = 2.9

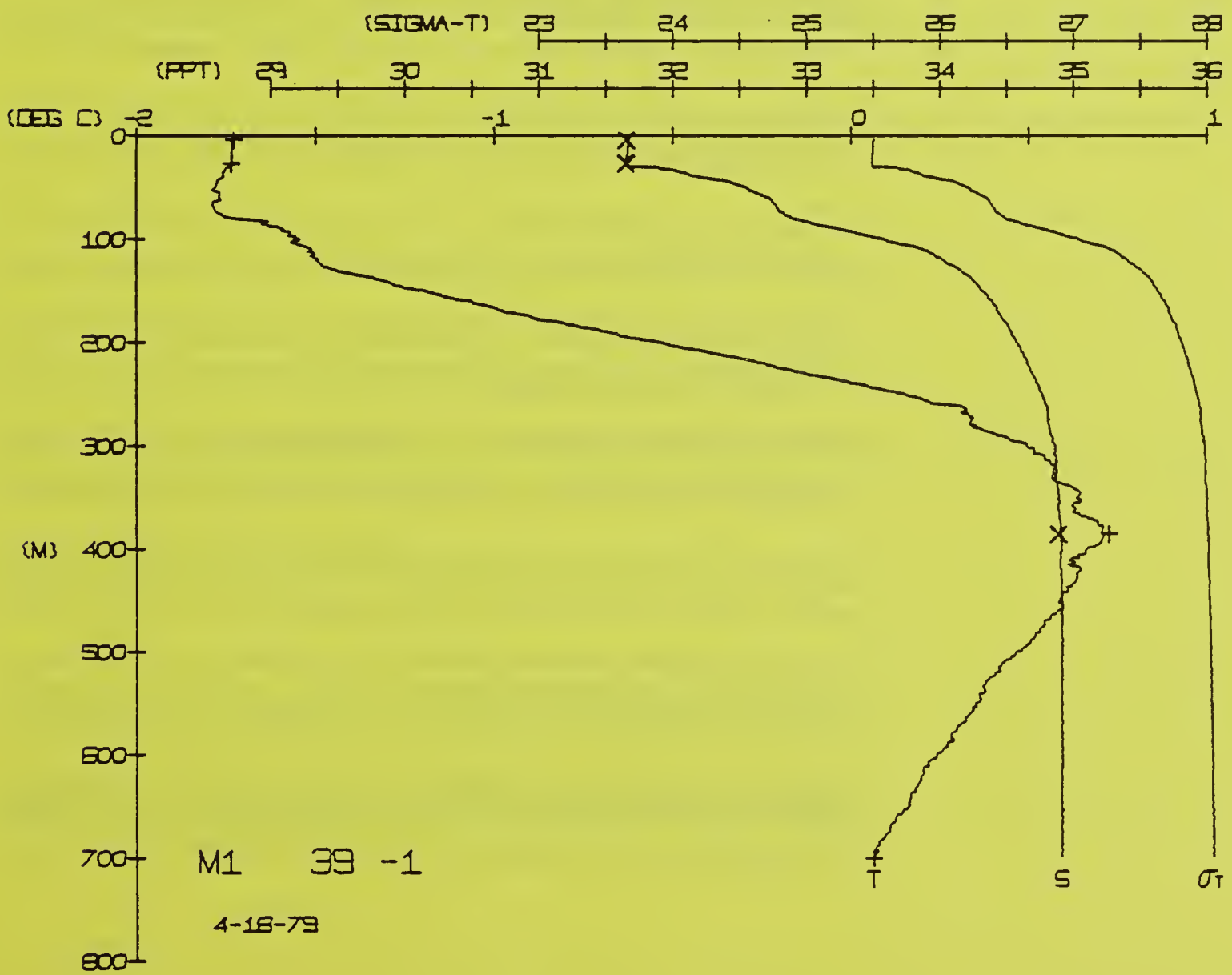
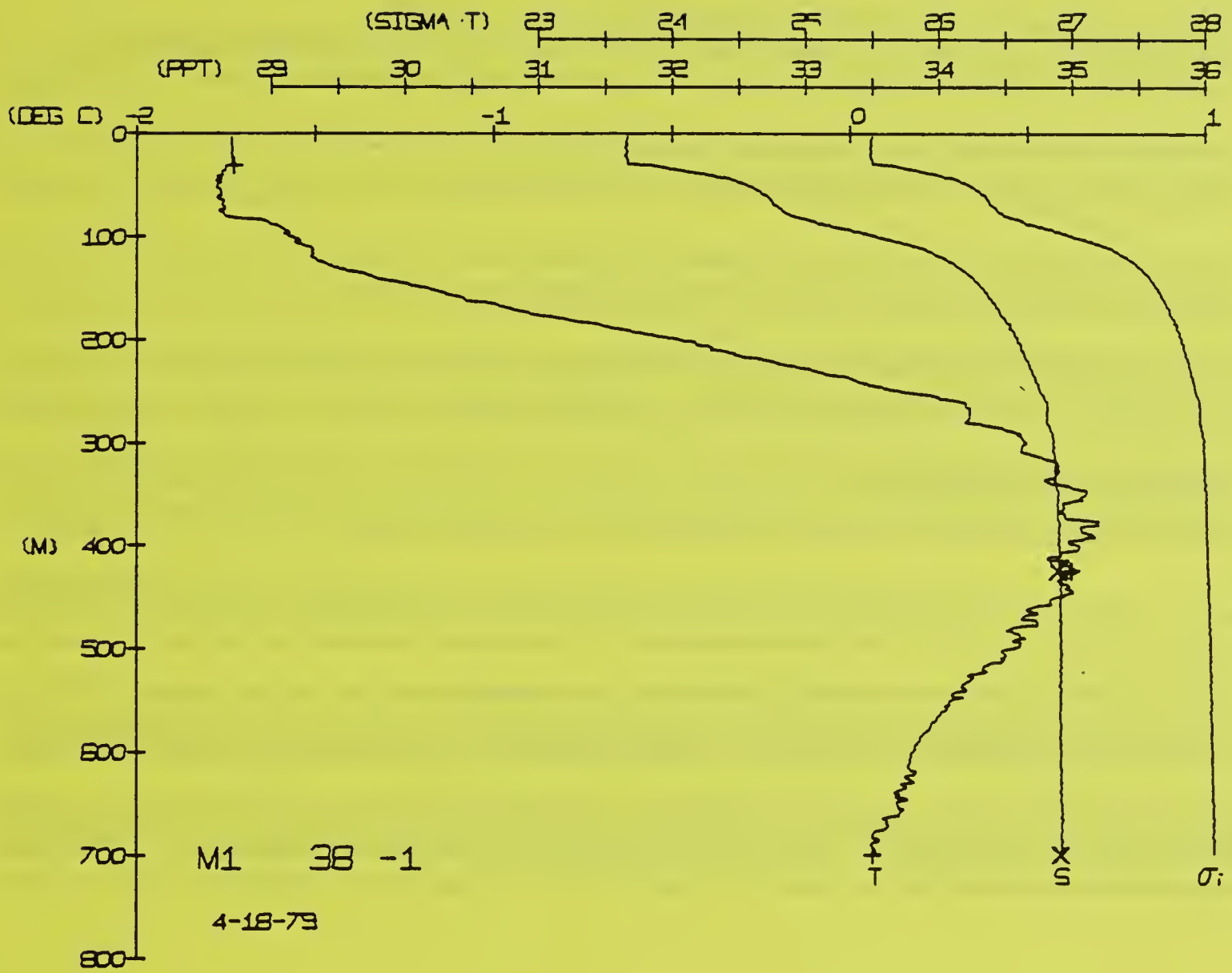
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.73	-1.73	31.67	25.50	249.4	0.000	1436.4
0.0	-1.73	-1.74	31.67	25.50	249.4	0.008	1436.5
0.0	-1.73	-1.73	31.66	25.49	249.9	0.013	1436.5
0.0	-1.73	-1.73	31.66	25.49	250.0	0.025	1436.6
0.0	-1.73	-1.73	31.65	25.49	250.2	0.038	1436.7
0.0	-1.73	-1.73	31.65	25.48	250.4	0.050	1436.7
0.0	-1.73	-1.73	31.66	25.49	249.5	0.063	1436.8
0.0	-1.74	-1.74	31.71	25.53	245.6	0.075	1437.0
0.0	-1.75	-1.75	32.25	25.77	223.0	0.087	1437.8
0.0	-1.77	-1.77	32.44	26.13	204.4	0.108	1438.1
0.0	-1.77	-1.77	32.54	26.21	189.2	0.117	1438.3
0.0	-1.77	-1.77	32.62	26.27	181.1	0.126	1438.5
0.0	-1.76	-1.76	32.70	26.33	175.5	0.135	1438.7
0.0	-1.76	-1.76	32.74	26.37	169.2	0.143	1438.9
0.0	-1.76	-1.76	32.78	26.40	163.4	0.152	1439.0
0.0	-1.75	-1.75	32.89	26.49	154.4	0.168	1439.4
0.0	-1.67	-1.67	33.18	26.72	132.4	0.182	1440.7
0.0	-1.57	-1.57	33.51	26.99	107.4	0.194	1441.4
0.0	-1.52	-1.52	33.82	27.23	84.0	0.204	1442.3
0.0	-1.51	-1.51	34.01	27.39	69.6	0.212	1442.8
0.0	-1.44	-1.44	34.14	27.49	59.2	0.218	1443.4
0.0	-1.34	-1.34	34.22	27.57	51.1	0.224	1444.5
0.0	-1.29	-1.29	34.38	27.63	42.5	0.233	1445.9
0.0	-1.09	-1.09	34.43	27.71	38.4	0.241	1447.7
0.0	-0.82	-0.82	34.48	27.75	35.2	0.247	1449.7
0.0	-0.45	-0.45	34.53	27.84	32.2	0.250	1450.9
0.0	-0.39	-0.39	34.58	27.85	27.2	0.253	1451.1
0.0	-0.24	-0.24	34.65	27.88	21.3	0.255	1452.1
0.0	-0.11	-0.11	34.72	27.90	19.6	0.258	1452.8
0.0	0.01	0.01	34.79	27.92	17.7	0.262	1454.4
0.0	0.29	0.29	34.81	27.95	16.5	0.265	1455.4
0.0	0.32	0.32	34.87	27.99	15.1	0.267	1456.6
0.0	0.45	0.45	34.85	27.97	14.2	0.268	1457.9
0.0	0.48	0.48	34.86	27.99	13.4	0.271	1457.9
0.0	0.58	0.58	34.87	27.99	13.3	0.272	1457.9
0.0	0.56	0.56	34.87	27.99	13.3	0.273	1457.9
0.0	0.66	0.66	34.88	28.00	12.6	0.277	1457.9
0.0	0.68	0.68	34.89	28.00	12.6	0.280	1458.6
0.0	0.59	0.59	34.89	28.01	11.1	0.282	1458.5
0.0	0.48	0.48	34.91	28.02	10.9	0.287	1459.2
0.0	0.48	0.48	34.91	28.03	10.9	0.291	1459.4
0.0	0.42	0.42	34.90	28.03	10.5	0.293	1459.4
0.0	0.34	0.34	34.90	28.03	9.9	0.295	1459.4
0.0	0.28	0.28	34.91	28.04	9.6	0.297	1459.5
0.0	0.24	0.24	34.91	28.04	8.6	0.299	1459.7
0.0	0.19	0.19	34.90	28.04	8.1	0.300	1459.9
0.0	0.16	0.16	34.91	28.04	8.0	0.302	1460.3
0.0	0.18	0.18	34.91	28.05	7.7	0.304	1460.4
0.0	0.13	0.13	34.92	28.05	7.1	0.307	1460.6
0.0	0.10	0.10	34.91	28.05	6.6	0.308	1460.8
0.0	0.05	0.05	34.91	28.07	5.5	0.309	1461.1

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
DEPTH 3.7  
TEMP -1.73  
SALIN 34.88  
34.90

FRAM 1 STATION 39(1) CTD 18/APR/1979 1837 GMT CODE = 1  
LAT = 84.4941N LNG = 9.6111W LTER = 0. LGER = 1.  
AIR TEMP = -26.7 BAROM = 1016.5 WIND = 321.0 SPEED = 3.5

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.73	-1.73	31.67	25.50	249.3	0.000	1436.4
0.0	-1.73	-1.73	31.67	25.50	249.3	0.008	1436.5
0.0	-1.73	-1.73	31.66	25.49	249.5	0.013	1436.5
0.0	-1.73	-1.73	31.66	25.49	249.5	0.025	1436.6
0.0	-1.74	-1.74	31.67	25.50	249.4	0.038	1436.7
0.0	-1.74	-1.74	31.66	25.49	249.8	0.050	1436.8
0.0	-1.76	-1.76	31.65	25.49	247.9	0.063	1436.8
0.0	-1.78	-1.78	32.05	25.81	219.4	0.075	1437.4
0.0	-1.78	-1.78	32.43	26.11	209.5	0.087	1437.7
0.0	-1.77	-1.77	32.54	26.21	181.5	0.108	1438.1
0.0	-1.77	-1.77	32.63	26.28	175.0	0.117	1438.3
0.0	-1.78	-1.78	32.71	26.34	169.3	0.126	1438.5
0.0	-1.78	-1.78	32.76	26.38	163.0	0.135	1438.7
0.0	-1.74	-1.74	32.89	26.49	154.4	0.152	1439.4
0.0	-1.60	-1.60	33.21	26.74	130.4	0.168	1440.7
0.0	-1.55	-1.55	33.55	26.99	104.1	0.182	1441.4
0.0	-1.51	-1.51	33.85	27.26	81.5	0.194	1442.3
0.0	-1.50	-1.50	34.02	27.40	68.5	0.203	1442.8
0.0	-1.44	-1.44	34.16	27.50	58.2	0.211	1443.4
0.0	-1.32	-1.32	34.26	27.58	50.6	0.217	1444.5
0.0	-1.21	-1.21	34.33	27.63	42.2	0.223	1445.9
0.0	-1.07	-1.07	34.43	27.71	38.4	0.232	1447.7
0.0	-0.84	-0.84	34.49	27.75	35.1	0.240	1449.7
0.0	-0.68	-0.68	34.54	27.81	31.8	0.243	1449.7
0.0	-0.54	-0.54	34.57	27.84	29.6	0.246	1450.9
0.0	-0.40	-0.40	34.62	27.86	27.1	0.249	1451.1
0.0	-0.25	-0.25	34.65	27.88	23.0	0.252	1452.1
0.0	-0.13	-0.13	34.73	27.91	20.8	0.254	1452.8
0.0	0.04	0.04	34.79	27.94	18.8	0.256	1453.6
0.0	0.24	0.24	34.81	27.95	17.7	0.260	1454.4
0.0	0.33	0.33	34.83	27.96	16.6	0.264	1455.4
0.0	0.41	0.41	34.85	27.97	15.1	0.267	1456.6
0.0	0.54	0.54	34.87	27.99	13.4	0.268	1457.9
0.0	0.57	0.57	34.87	27.99	13.3	0.271	1457.9
0.0	0.64	0.64	34.88	28.00	12.6	0.272	1457.9
0.0	0.66	0.66	34.89	28.01	11.1	0.276	1458.6
0.0	0.62	0.62	34.90	28.02	10.9	0.278	1458.5
0.0	0.59	0.59	34.91	28.02	10.4	0.283	1459.2
0.0	0.55	0.55	34.91	28.03	10.4	0.285	1459.4
0.0	0.51	0.51	34.92	28.04	9.9	0.287	1459.4
0.0	0.43	0.43	34.92	28.04	9.6	0.289	1459.7
0.0	0.38	0.38	34.92	28.05	8.6	0.291	1459.9
0.0	0.31	0.31	34.92	28.05	8.1	0.294	1460.3
0.0	0.27	0.27	34.92	28.05	7.7	0.296	1460.4
0.0	0.22	0.22	34.91	28.05	7.1	0.297	1460.6
0.0	0.19	0.19	34.91	28.05	6.6	0.299	1460.8
0.0	0.16	0.16	34.92	28.06	6.6	0.302	1461.1
0.0	0.11	0.11	34.92	28.06	6.6	0.303	1461.1
0.0	0.06	0.06	34.93	28.06	6.6	0.305	1461.1

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
DEPTH 3.6  
TEMP -1.73  
SALIN 31.65  
31.65  
34.89





FRAM 1 STATION 40(1) CTD 19/APR/1979 708 GMT CODE = 1  
LAT = 84. 4772N LNG = 9. 5460W LTER = 1. LGER = 1.  
AIR TEMP = -26. 7 BAROM = 1018. 6 WIND = 321. 0 SPEED = 3. 5

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1. 73	-1. 73	31. 68	25. 50	248. 8	0. 000	1436. 5
3. 1	-1. 73	-1. 73	31. 68	25. 50	248. 7	0. 008	1436. 5
5. 0	-1. 73	-1. 73	31. 67	25. 50	248. 7	0. 013	1436. 5
10. 0	-1. 74	-1. 74	31. 65	25. 49	250. 3	0. 025	1436. 6
15. 0	-1. 73	-1. 73	31. 65	25. 48	250. 5	0. 038	1436. 7
20. 0	-1. 73	-1. 73	31. 65	25. 48	250. 7	0. 050	1436. 7
25. 0	-1. 73	-1. 73	31. 65	25. 48	250. 4	0. 063	1436. 8
30. 0	-1. 75	-1. 75	31. 65	25. 48	224. 2	0. 075	1437. 3
35. 0	-1. 76	-1. 76	32. 09	25. 84	216. 3	0. 086	1437. 5
40. 0	-1. 76	-1. 76	32. 21	25. 94	207. 0	0. 097	1437. 7
45. 0	-1. 77	-1. 77	32. 30	26. 01	200. 0	0. 107	1437. 9
50. 0	-1. 78	-1. 78	32. 48	26. 16	186. 2	0. 117	1438. 2
55. 0	-1. 78	-1. 78	32. 57	26. 23	179. 1	0. 126	1438. 4
60. 0	-1. 79	-1. 79	32. 67	26. 31	171. 6	0. 135	1438. 6
65. 0	-1. 77	-1. 77	32. 73	26. 36	167. 0	0. 143	1438. 8
70. 0	-1. 78	-1. 78	32. 78	26. 40	163. 4	0. 152	1438. 9
80. 0	-1. 75	-1. 75	32. 91	26. 50	153. 5	0. 167	1439. 4
90. 0	-1. 57	-1. 57	33. 23	26. 76	128. 7	0. 182	1440. 9
100. 0	-1. 57	-1. 57	33. 56	27. 03	103. 4	0. 193	1441. 6
110. 0	-1. 51	-1. 51	33. 87	27. 27	80. 2	0. 203	1442. 9
120. 0	-1. 50	-1. 50	34. 04	27. 41	67. 1	0. 210	1442. 9
130. 0	-1. 44	-1. 44	34. 16	27. 51	58. 1	0. 216	1443. 5
140. 0	-1. 34	-1. 34	34. 25	27. 58	51. 0	0. 222	1444. 4
150. 0	-1. 20	-1. 20	34. 33	27. 63	45. 9	0. 227	1444. 6
160. 0	-1. 06	-1. 06	34. 43	27. 71	41. 3	0. 235	1444. 7
170. 0	-0. 97	-0. 98	34. 48	27. 75	38. 6	0. 239	1444. 7
180. 0	-0. 81	-0. 82	34. 54	27. 78	35. 1	0. 242	1444. 8
190. 0	-0. 67	-0. 68	34. 58	27. 81	31. 2	0. 245	1444. 9
200. 0	-0. 52	-0. 53	34. 62	27. 84	29. 0	0. 248	1445. 4
210. 0	-0. 39	-0. 39	34. 65	27. 85	27. 3	0. 251	1445. 1
220. 0	-0. 25	-0. 26	34. 70	27. 89	25. 1	0. 253	1445. 2
230. 0	-0. 10	-0. 11	34. 72	27. 90	22. 4	0. 256	1445. 3
240. 0	0. 01	0. 00	34. 77	27. 93	18. 4	0. 258	1445. 4
250. 0	0. 16	0. 15	34. 80	27. 95	16. 3	0. 259	1445. 4
260. 0	0. 32	0. 31	34. 81	27. 96	16. 3	0. 261	1445. 4
270. 0	0. 34	0. 33	34. 81	27. 97	15. 1	0. 263	1445. 5
280. 0	0. 34	0. 33	34. 81	27. 97	15. 1	0. 264	1445. 5
290. 0	0. 42	0. 41	34. 84	27. 98	13. 4	0. 266	1445. 6
300. 0	0. 51	0. 50	34. 87	27. 99	13. 3	0. 267	1445. 6
310. 0	0. 54	0. 53	34. 87	27. 99	13. 3	0. 268	1445. 6
320. 0	0. 58	0. 56	34. 88	27. 99	13. 3	0. 270	1445. 7
330. 0	0. 58	0. 56	34. 87	27. 99	13. 3	0. 271	1445. 7
340. 0	0. 57	0. 56	34. 87	27. 99	12. 1	0. 272	1445. 7
350. 0	0. 61	0. 62	34. 89	28. 00	12. 1	0. 275	1445. 8
360. 0	0. 70	0. 68	34. 90	28. 01	11. 1	0. 277	1445. 8
370. 0	0. 65	0. 65	34. 91	28. 01	11. 1	0. 280	1445. 8
380. 0	0. 61	0. 59	34. 91	28. 02	10. 0	0. 282	1445. 9
390. 0	0. 55	0. 57	34. 91	28. 02	10. 0	0. 284	1445. 9
400. 0	0. 55	0. 57	34. 91	28. 02	10. 0	0. 288	1445. 9
410. 0	0. 50	0. 48	34. 92	28. 03	9. 9	0. 290	1445. 9
420. 0	0. 44	0. 42	34. 91	28. 04	8. 8	0. 292	1445. 9
430. 0	0. 39	0. 36	34. 91	28. 04	8. 8	0. 294	1445. 9
440. 0	0. 35	0. 32	34. 91	28. 04	8. 8	0. 295	1445. 9
450. 0	0. 28	0. 25	34. 92	28. 05	7. 7	0. 297	1446. 0
460. 0	0. 18	0. 15	34. 92	28. 05	7. 7	0. 300	1446. 0
470. 0	0. 14	0. 11	34. 92	28. 05	7. 7	0. 302	1446. 0
480. 0	0. 10	0. 07	34. 92	28. 06	6. 6	0. 304	1446. 0
490. 0	0. 07	0. 04	34. 92	28. 06	6. 6	0. 305	1446. 0
500. 0	0. 06	0. 03	34. 92	28. 06	6. 6	0. 305	1446. 0

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

3. 4  
25. 7  
385. 1  
700. 2

-1. 74  
0. 70  
0. 06

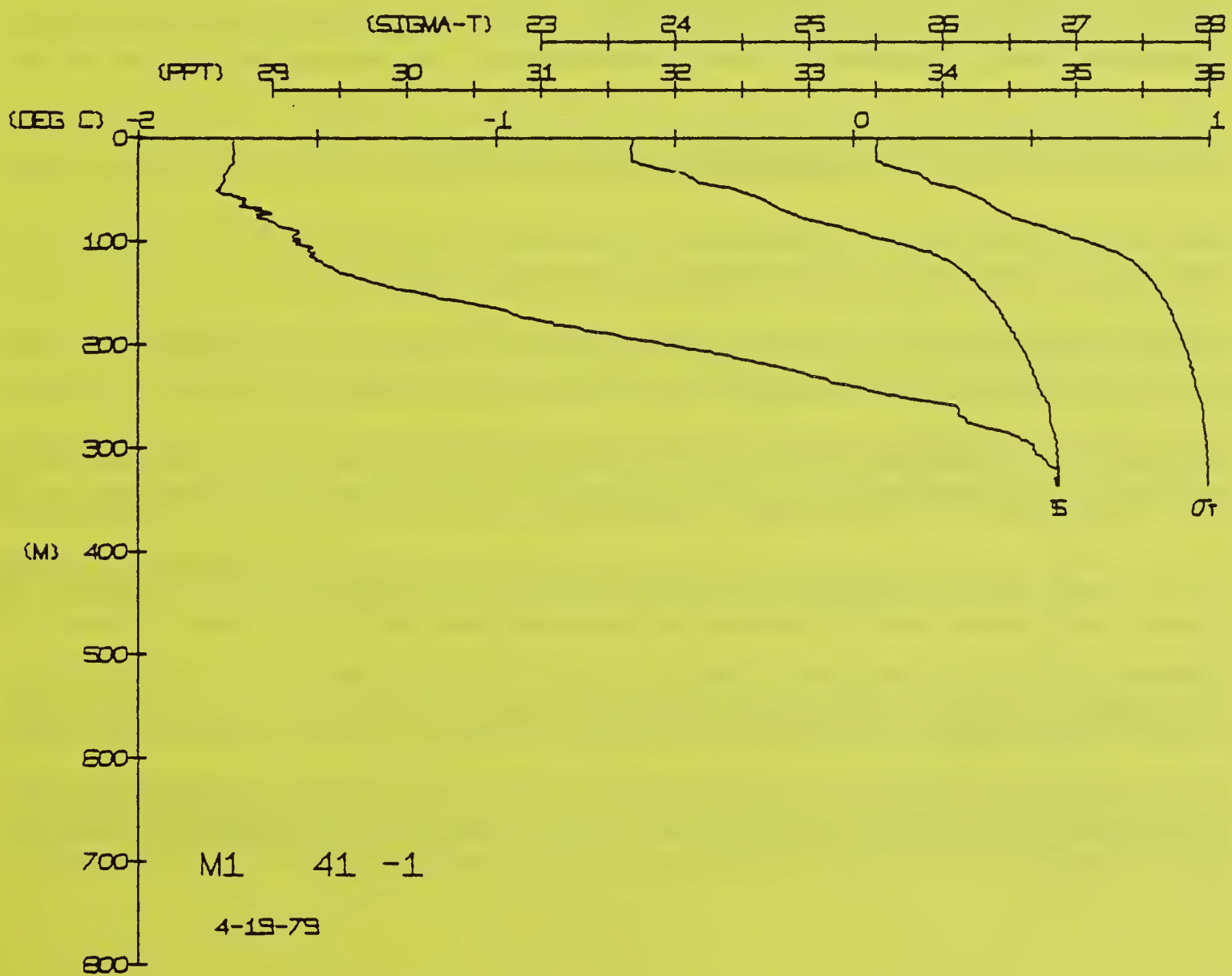
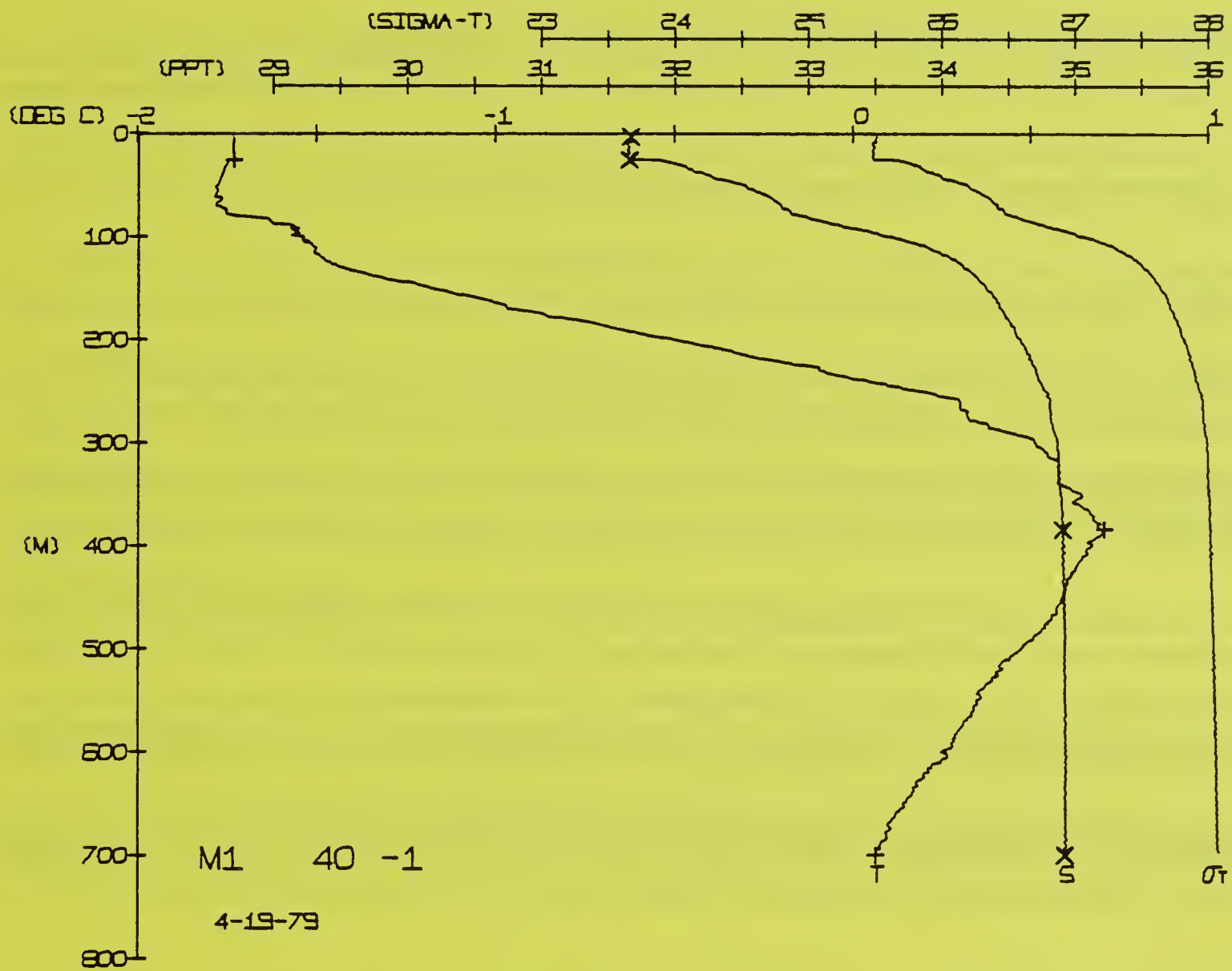
31. 66  
31. 66  
34. 90  
34. 91

FRAM 1 STATION 41(1) CTD 19/APR/1979 1901 GMT CODE = 1  
LAT = 84. 4450N LNG = 9. 3125W LTER = 0. LGER = 0.  
AIR TEMP = -26. 4 BAROM = 1019. 5 WIND = 294. 0 SPEED = 5. 7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1. 74	-1. 74	31. 69	25. 51	248. 6	0. 000	1436. 4
3. 0	-1. 74	-1. 74	31. 69	25. 51	248. 5	0. 008	1436. 5
5. 0	-1. 73	-1. 73	31. 68	25. 51	248. 3	0. 013	1436. 5
10. 0	-1. 73	-1. 73	31. 67	25. 50	249. 4	0. 025	1436. 6
15. 0	-1. 73	-1. 73	31. 68	25. 50	248. 6	0. 038	1436. 7
20. 0	-1. 74	-1. 74	31. 68	25. 51	248. 3	0. 050	1436. 8
25. 0	-1. 74	-1. 74	31. 73	25. 54	244. 7	0. 062	1436. 9
30. 0	-1. 74	-1. 75	31. 84	25. 64	235. 6	0. 075	1437. 1
35. 0	-1. 75	-1. 76	32. 05	25. 87	219. 4	0. 086	1437. 5
40. 0	-1. 76	-1. 76	32. 13	25. 93	207. 1	0. 097	1437. 6
45. 0	-1. 76	-1. 76	32. 21	26. 01	191. 5	0. 108	1437. 8
50. 0	-1. 77	-1. 77	32. 41	26. 10	181. 7	0. 118	1438. 1
55. 0	-1. 74	-1. 75	32. 54	26. 21	173. 9	0. 127	1438. 5
60. 0	-1. 71	-1. 72	32. 64	26. 29	167. 3	0. 136	1438. 9
65. 0	-1. 70	-1. 70	32. 72	26. 35	163. 9	0. 145	1439. 1
70. 0	-1. 67	-1. 67	32. 78	26. 40	163. 3	0. 153	1439. 5
80. 0	-1. 64	-1. 64	32. 98	26. 56	147. 8	0. 169	1440. 1
90. 0	-1. 56	-1. 56	33. 30	26. 82	123. 5	0. 182	1441. 1
100. 0	-1. 56	-1. 56	33. 59	27. 05	101. 2	0. 194	1441. 6
110. 0	-1. 52	-1. 52	33. 85	27. 26	81. 3	0. 203	1442. 9
120. 0	-1. 49	-1. 50	34. 05	27. 42	66. 6	0. 210	1442. 9
130. 0	-1. 44	-1. 44	34. 14	27. 50	59. 9	0. 217	1443. 5
140. 0	-1. 36	-1. 36	34. 23	27. 56	52. 5	0. 222	1444. 4
150. 0	-1. 23	-1. 23	34. 31	27. 62	46. 9	0. 227	1444. 6
160. 0	-1. 08	-1. 09	34. 38	27. 71	42. 3	0. 236	1444. 7
170. 0	-0. 96	-0. 97	34. 43	27. 75	38. 9	0. 240	1444. 8
180. 0	-0. 84	-0. 84	34. 48	27. 78	35. 4	0. 243	1444. 9
190. 0	-0. 69	-0. 70	34. 53	27. 81	32. 9	0. 246	1445. 4
200. 0	-0. 54	-0. 55	34. 58	27. 84	29. 4	0. 249	1445. 4
210. 0	-0. 37	-0. 38	34. 62	27. 86	25. 7	0. 252	1445. 4
220. 0	-0. 24	-0. 25	34. 65	27. 88	23. 2	0. 254	1445. 2
230. 0	-0. 13	-0. 14	34. 68	27. 90	21. 5	0. 256	1445. 3
240. 0	0. 03	0. 03	34. 71	27. 92	19. 7	0. 258	1445. 4
250. 0	0. 10	0. 09	34. 75	27. 95	17. 1	0. 260	1445. 4
260. 0	0. 28	0. 27	34. 80	27. 96	15. 4	0. 262	1445. 4
270. 0	0. 30	0. 29	34. 81	27. 96	14. 7	0. 264	1445. 5
280. 0	0. 36	0. 34	34. 82	27. 97	14. 1	0. 265	1445. 5
290. 0	0. 46	0. 44	34. 84	27. 97	13. 8	0. 267	1445. 6
300. 0	0. 51	0. 49	34. 85	27. 98	13. 6	0. 269	1445. 6
310. 0	0. 56	0. 55	34. 86	27. 98	13. 3	0. 271	1445. 7
320. 0	0. 57	0. 56	34. 87	27. 99	13. 3	0. 272	1445. 7
330. 0	0. 57	0. 56	34. 87	27. 99	13. 3	0. 272	1445. 7

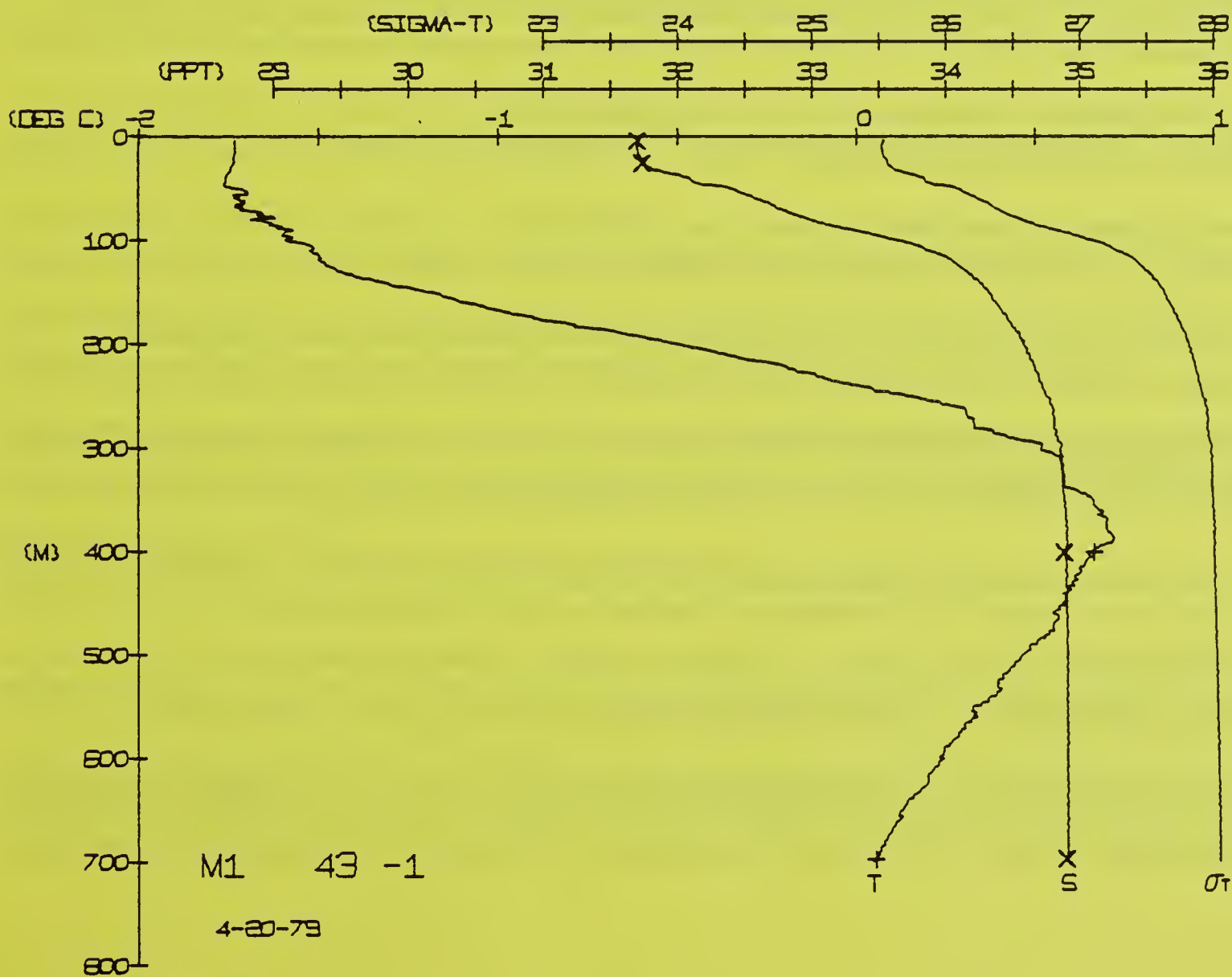
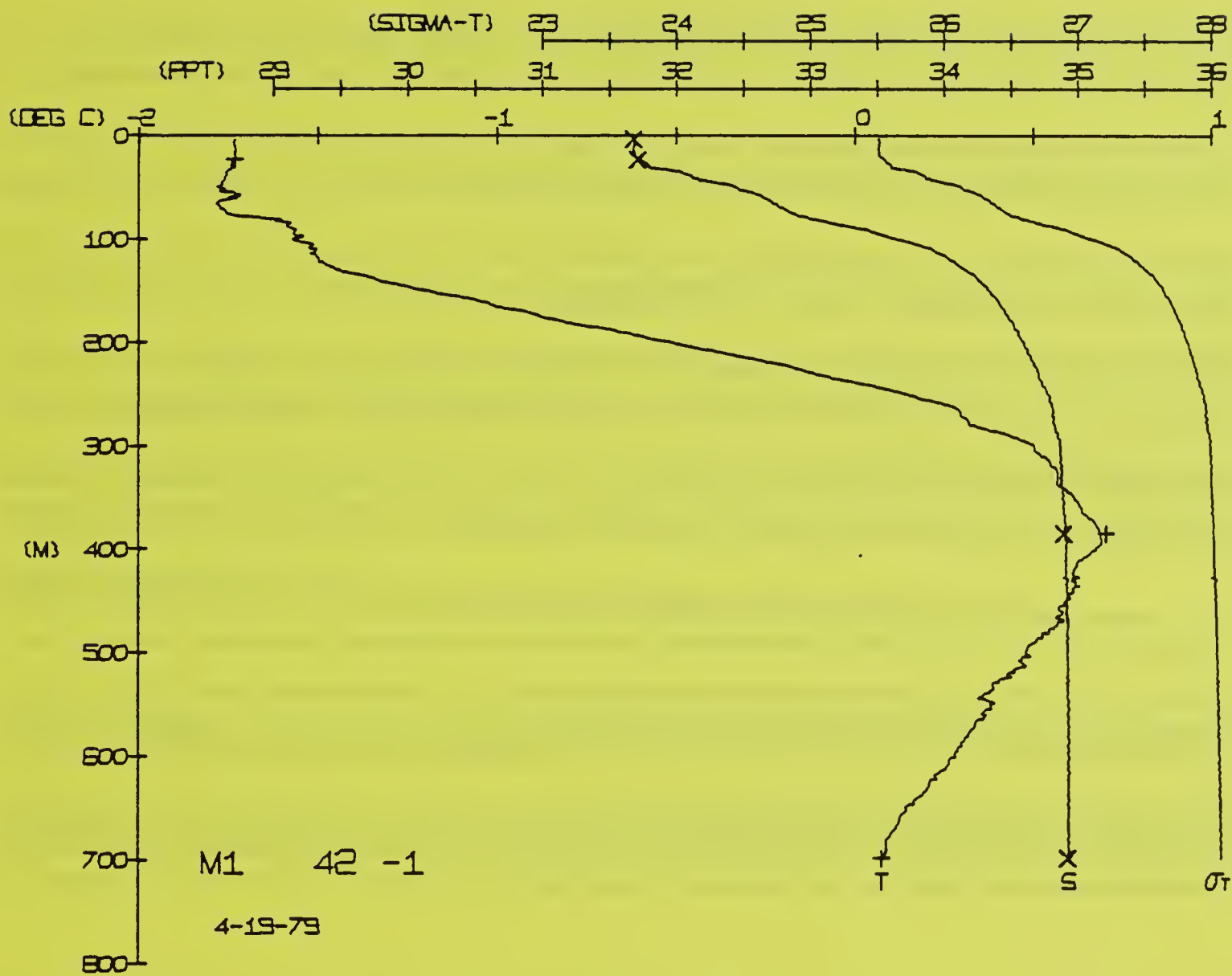
DEPTH TEMP SALIN





FRAM 1 STATION 43(1) CTD 20/APR/1979 647 GMT CODE = 1  
LAT = 84. 4233N LNG = 9. 1207W LTER = 12. LGER = 37.  
AIR TEMP = -27. 3 BARDM = 1018. 1 WIND = 299. 0 SPEED = 5. 6







FRAM 1 STATION 44(1) CTD 20/APR/1979 1901 GMT CODE = 1  
LAT = 84.3936N LNG = 8.8688W LTER = 23. LGER = 40.  
AIR TEMP = -27.3 BAROM = 1017.3 WIND = 299.0 SPEED = 5.6

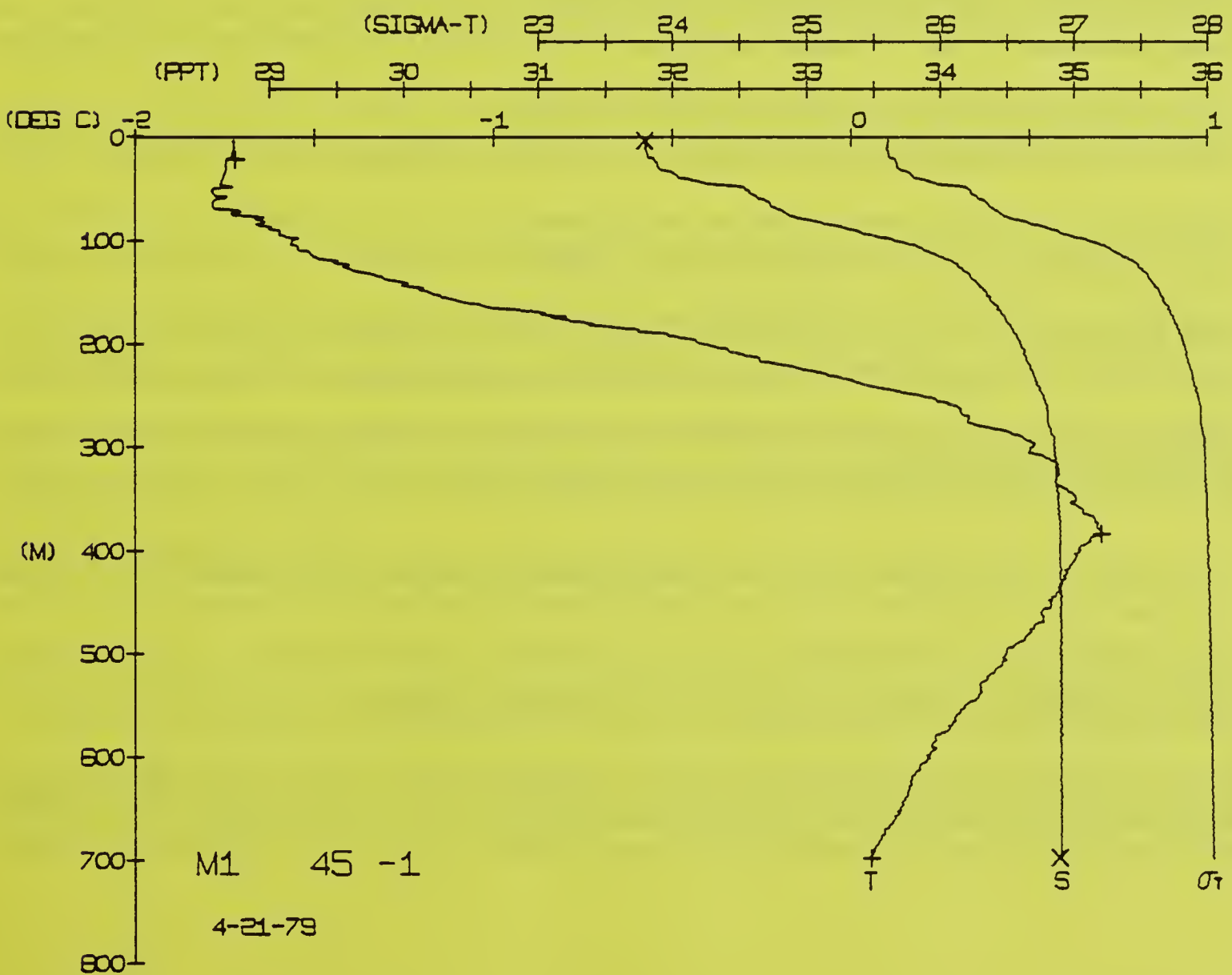
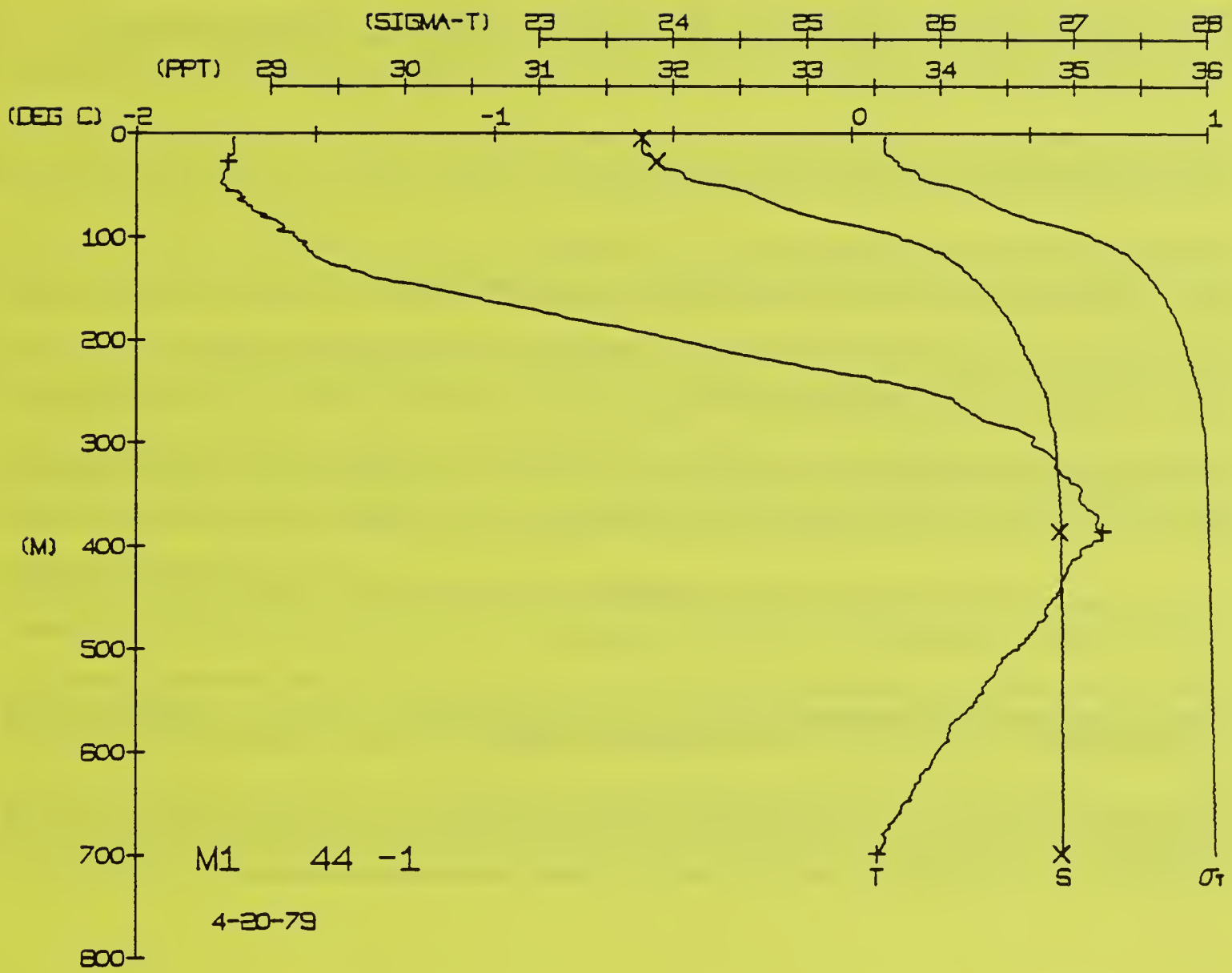
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.78	25.58	241.1	0.000	1436.6
3.1	-1.73	-1.73	31.78	25.58	241.0	0.007	1436.7
5.0	-1.73	-1.73	31.77	25.58	241.1	0.012	1436.7
10.0	-1.73	-1.73	31.77	25.58	241.1	0.024	1436.8
15.0	-1.73	-1.73	31.77	25.58	241.1	0.036	1436.8
20.0	-1.74	-1.74	31.78	25.59	240.3	0.049	1436.9
25.0	-1.75	-1.75	31.85	25.64	235.4	0.061	1437.1
30.0	-1.75	-1.75	31.90	25.68	235.4	0.072	1437.2
35.0	-1.75	-1.75	31.98	25.75	225.0	0.084	1437.4
40.0	-1.76	-1.76	32.07	25.83	225.0	0.095	1437.6
45.0	-1.76	-1.76	32.13	25.87	225.0	0.106	1437.7
50.0	-1.75	-1.75	32.31	26.02	213.3	0.116	1438.1
55.0	-1.75	-1.75	32.59	26.18	199.9	0.126	1438.4
60.0	-1.71	-1.71	32.59	26.32	184.4	0.135	1438.9
65.0	-1.71	-1.71	32.68	26.39	177.6	0.144	1439.0
70.0	-1.69	-1.69	32.77	26.39	164.0	0.152	1439.4
80.0	-1.64	-1.64	33.01	26.58	145.7	0.168	1440.1
90.0	-1.59	-1.59	33.36	26.87	118.8	0.181	1441.0
100.0	-1.56	-1.56	33.89	27.13	94.1	0.192	1441.4
110.0	-1.53	-1.53	34.04	27.29	78.7	0.201	1442.4
120.0	-1.50	-1.50	34.15	27.42	66.6	0.208	1442.9
130.0	-1.42	-1.42	34.23	27.50	58.6	0.214	1443.6
140.0	-1.34	-1.35	34.32	27.56	53.1	0.220	1444.5
150.0	-1.18	-1.19	34.45	27.63	46.6	0.225	1444.6
160.0	-1.04	-1.05	34.39	27.68	41.3	0.229	1444.7
170.0	-0.90	-0.91	34.45	27.72	37.7	0.233	1444.7
180.0	-0.79	-0.80	34.50	27.76	33.1	0.237	1444.8
190.0	-0.63	-0.64	34.55	27.79	31.6	0.240	1444.9
200.0	-0.47	-0.50	34.62	27.84	28.5	0.246	1445.0
210.0	-0.37	-0.38	34.65	27.86	25.3	0.249	1445.1
220.0	-0.24	-0.24	34.70	27.89	22.2	0.251	1445.2
230.0	-0.08	-0.09	34.77	27.91	20.4	0.253	1445.3
240.0	0.06	0.05	34.81	27.93	18.7	0.255	1445.4
250.0	0.21	0.20	34.80	27.95	17.2	0.257	1445.4
260.0	0.33	0.32	34.82	27.96	16.5	0.259	1445.5
270.0	0.38	0.37	34.85	27.98	15.9	0.260	1445.6
280.0	0.48	0.47	34.87	27.99	14.2	0.262	1445.6
290.0	0.51	0.49	34.88	27.99	13.5	0.263	1445.6
300.0	0.55	0.53	34.87	27.99	12.5	0.265	1445.6
310.0	0.57	0.56	34.87	27.99	11.3	0.266	1445.6
320.0	0.59	0.57	34.87	27.99	10.5	0.267	1445.7
330.0	0.62	0.61	34.89	28.00	9.9	0.269	1445.7
340.0	0.64	0.63	34.90	28.01	9.1	0.270	1445.8
350.0	0.69	0.67	34.90	28.01	8.0	0.273	1445.8
370.0	0.70	0.68	34.90	28.01	6.7	0.275	1445.8
410.0	0.64	0.62	34.90	28.01	5.1	0.277	1445.8
430.0	0.60	0.58	34.91	28.02	4.0	0.280	1445.8
450.0	0.54	0.52	34.91	28.02	3.0	0.284	1445.9
470.0	0.49	0.47	34.91	28.02	2.0	0.286	1445.9
510.0	0.42	0.40	34.91	28.03	1.0	0.288	1445.9
530.0	0.39	0.36	34.91	28.04	0.9	0.290	1445.9
550.0	0.35	0.33	34.91	28.04	0.8	0.292	1445.9
570.0	0.29	0.26	34.92	28.05	0.7	0.294	1445.9
610.0	0.22	0.20	34.92	28.05	0.6	0.297	1446.0
630.0	0.18	0.16	34.92	28.05	0.5	0.298	1446.0
650.0	0.15	0.12	34.92	28.05	0.4	0.300	1446.0
670.0	0.10	0.08	34.92	28.05	0.3	0.301	1446.0
690.0	0.09	0.06	34.91	28.05	0.2	0.303	1446.0

DEPTH TEMP. SALIN  
BOT NUM = 1 3.9  
BOT NUM = 2 27.1  
BOT NUM = 3 386.3  
BOT NUM = 4 699.0  
-1.75  
0.70  
0.07  
31.76  
31.88  
34.90

FRAM 1 STATION 45(1) CTD 21/APR/1979 705 GMT CODE = 1  
LAT = 84.3660N LNG = 8.6588W LTER = 0. LGER = 1.  
AIR TEMP = -27.0 BAROM = 1015.9 WIND = 295.0 SPEED = 6.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.80	25.61	239.0	0.000	1436.7
3.1	-1.73	-1.73	31.80	25.61	238.9	0.007	1436.7
5.0	-1.73	-1.73	31.80	25.61	238.9	0.012	1436.8
10.0	-1.73	-1.73	31.81	25.61	238.9	0.024	1436.8
15.0	-1.73	-1.73	31.82	25.62	237.7	0.036	1436.9
20.0	-1.75	-1.75	31.88	25.67	232.1	0.048	1437.0
25.0	-1.75	-1.75	31.90	25.69	223.7	0.060	1437.1
30.0	-1.75	-1.75	32.07	25.76	217.9	0.072	1437.2
35.0	-1.76	-1.76	32.22	25.82	206.4	0.083	1437.4
40.0	-1.76	-1.76	32.54	26.20	181.7	0.105	1437.6
45.0	-1.78	-1.78	32.58	26.24	178.1	0.115	1438.3
50.0	-1.77	-1.77	32.72	26.29	167.8	0.124	1438.4
55.0	-1.77	-1.77	32.77	26.35	164.0	0.133	1438.6
60.0	-1.77	-1.77	32.96	26.39	149.1	0.141	1438.9
65.0	-1.66	-1.66	33.32	26.55	121.8	0.149	1439.0
70.0	-1.62	-1.62	33.64	26.83	97.6	0.165	1439.7
80.0	-1.55	-1.55	33.87	27.09	79.7	0.179	1440.1
90.0	-1.54	-1.54	33.87	27.28	65.0	0.199	1441.3
100.0	-1.45	-1.45	34.07	27.43	50.0	0.206	1442.1
110.0	-1.39	-1.39	34.18	27.52	45.6	0.212	1443.1
120.0	-1.27	-1.28	34.26	27.59	41.3	0.218	1443.8
130.0	-1.18	-1.19	34.34	27.64	37.7	0.223	1444.5
140.0	-1.09	-1.09	34.45	27.72	33.8	0.227	1444.6
150.0	-0.88	-0.89	34.51	27.76	30.4	0.231	1444.7
160.0	-0.75	-0.75	34.56	27.80	28.0	0.235	1444.8
170.0	-0.54	-0.54	34.60	27.83	25.4	0.241	1444.9
180.0	-0.42	-0.43	34.63	27.84	23.0	0.243	1445.0
190.0	-0.32	-0.32	34.66	27.86	21.1	0.246	1445.1
200.0	-0.21	-0.21	34.70	27.89	19.7	0.248	1445.2
210.0	0.07	0.08	34.77	27.93	18.0	0.251	1445.3
220.0	0.19	0.18	34.81	27.95	17.2	0.253	1445.3
230.0	0.28	0.27	34.82	27.96	16.4	0.255	1445.4
240.0	0.36	0.35	34.84	27.97	15.7	0.258	1445.4
250.0	0.47	0.46	34.85	27.98	14.4	0.259	1445.5
260.0	0.51	0.50	34.86	27.99	13.8	0.261	1445.5
270.0	0.58	0.57	34.87	27.99	13.1	0.262	1445.5
280.0	0.60	0.59	34.88	27.99	12.4	0.264	1445.6
290.0	0.63	0.62	34.90	28.00	11.5	0.266	1445.6
300.0	0.67	0.65	34.91	28.01	11.0	0.268	1445.7
310.0	0.69	0.67	34.91	28.01	10.5	0.270	1445.8
320.0	0.63	0.61	34.91	28.02	9.9	0.273	1445.8
330.0	0.56	0.54	34.91	28.02	9.1	0.275	1445.8
340.0	0.47	0.45	34.91	28.03	8.0	0.277	1445.8
350.0	0.43	0.40	34.91	28.03	7.0	0.281	1445.9
370.0	0.36	0.34	34.91	28.04	6.1	0.283	1445.9
410.0	0.28	0.25	34.92	28.04	5.1	0.285	1445.9
430.0	0.19	0.17	34.92	28.05	4.0	0.287	1445.9
450.0	0.16	0.14	34.92	28.05	3.0	0.291	1445.9
470.0	0.14	0.11	34.92	28.05	2.0	0.294	1446.0
510.0	0.10	0.07	34.92	28.05	1.0	0.296	1446.0
530.0	0.07	0.04	34.93	28.06	0.9	0.297	1446.0
550.0	0.05	0.02	34.93	28.07	0.8	0.301	1446.0
570.0	0.05	0.02	34.93	28.07	0.7	0.301	1446.0
610.0	0.05	0.02	34.93	28.07	0.6	0.301	1446.0
630.0	0.05	0.02	34.93	28.07	0.5	0.301	1446.0
650.0	0.05	0.02	34.93	28.07	0.4	0.301	1446.0
670.0	0.05	0.02	34.93	28.07	0.3	0.301	1446.0
690.0	0.05	0.02	34.93	28.07	0.2	0.301	1446.0

DEPTH TEMP. SALIN  
BOT NUM = 1 3.7  
BOT NUM = 2 21.6  
BOT NUM = 3 384.6  
BOT NUM = 4 698.4  
-1.72  
0.70  
0.06  
31.79  
31.88  
34.90





FRAM 1 STATION 46(1) CTD 21/APR/1979 1831 GMT CODE = 1  
LAT = 84.3379N LNG = 8.4345W LTER = 0. LGER = 1.  
AIR TEMP = -27.0 BAROM = 1014.2 WIND = 295.0 SPEED = 6.8

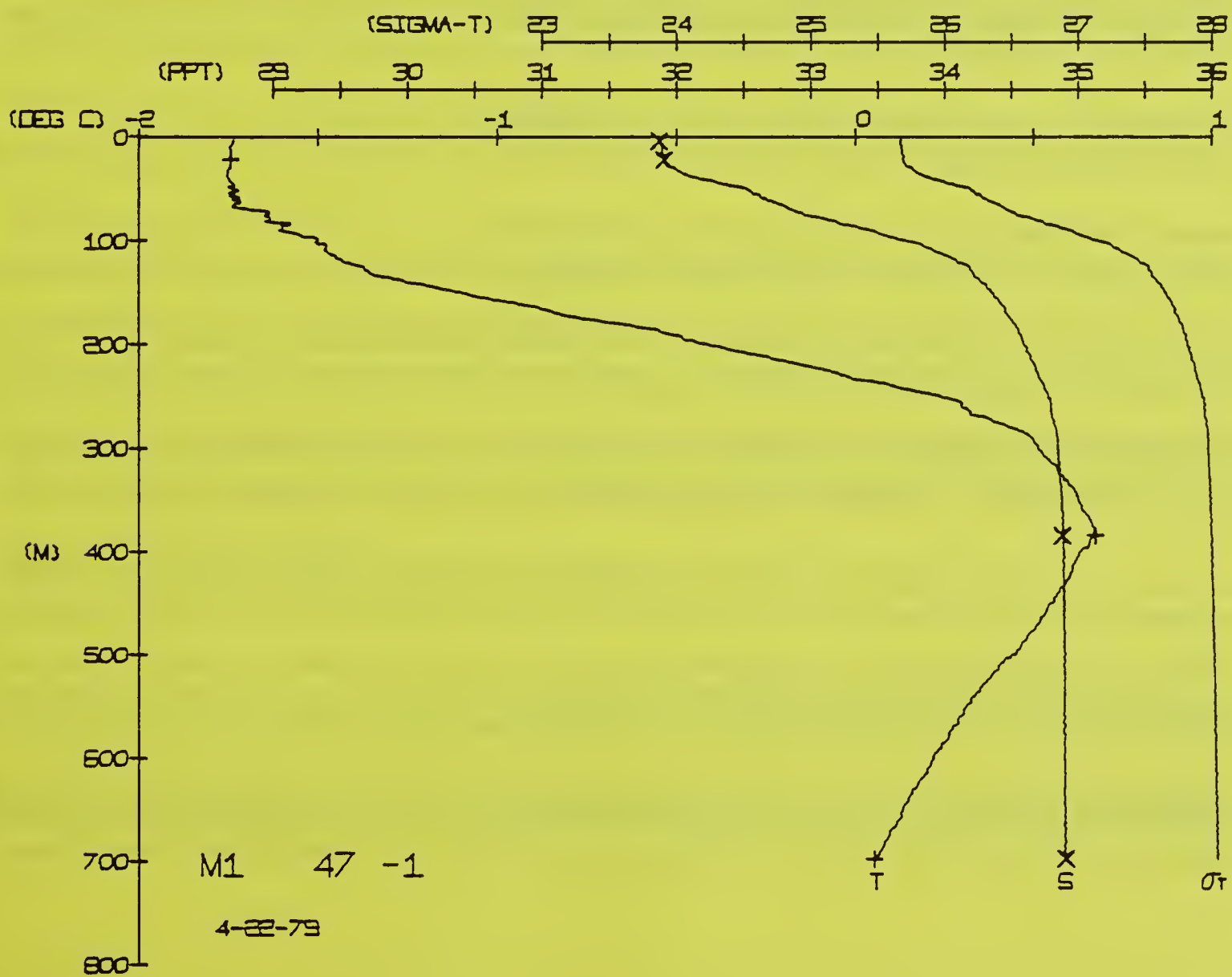
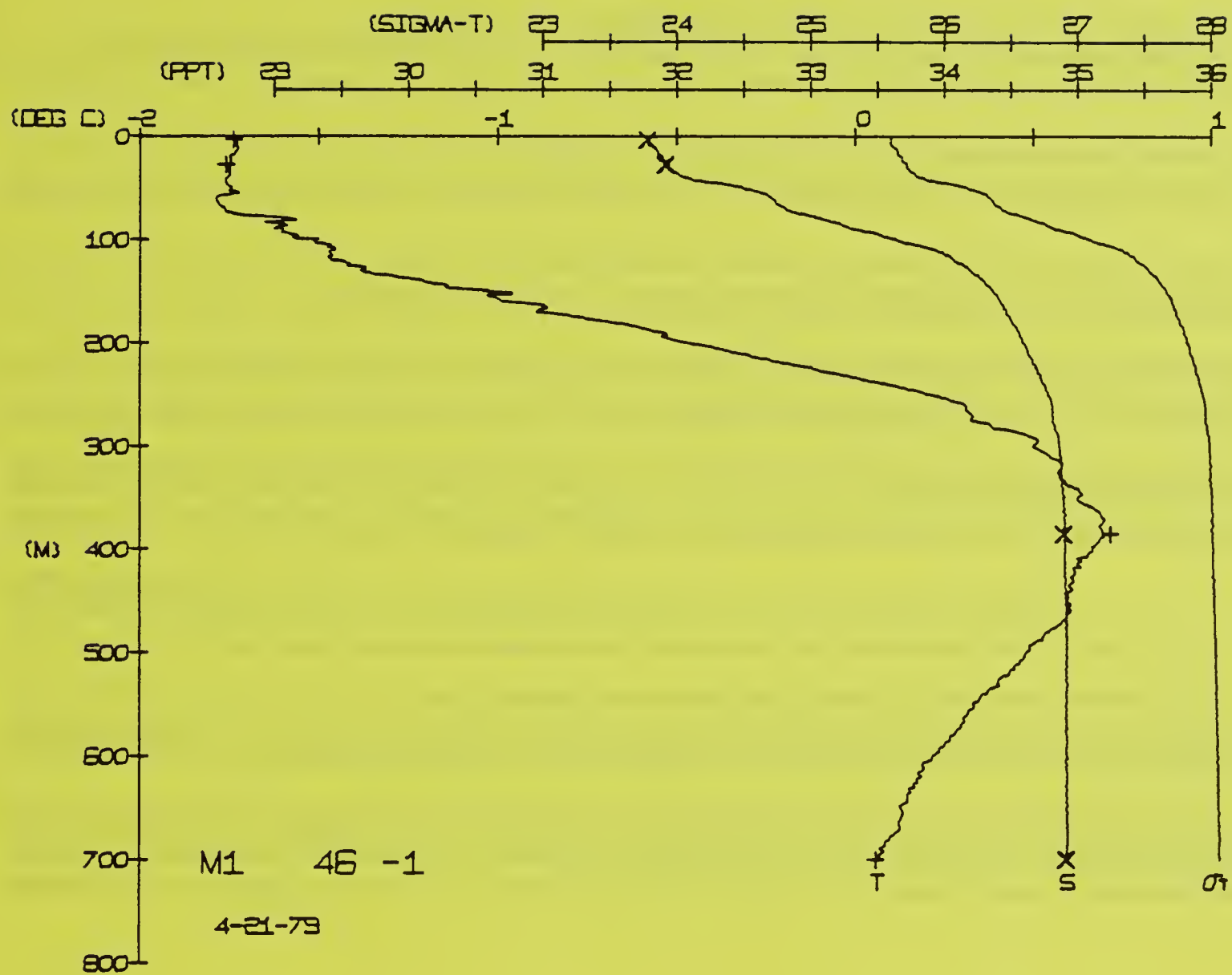
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.78	25.59	240.6	0.000	1436.6
3	-1.73	-1.73	31.78	25.59	240.6	0.007	1436.7
5	-1.73	-1.73	31.79	25.60	239.8	0.012	1436.7
10	-1.73	-1.73	31.81	25.61	238.5	0.024	1436.8
15	-1.73	-1.73	31.85	25.61	238.0	0.036	1436.8
20	-1.75	-1.75	31.88	25.67	232.8	0.048	1437.0
25	-1.75	-1.75	31.91	25.70	230.1	0.059	1437.1
30	-1.75	-1.75	31.95	25.72	227.5	0.071	1437.3
35	-1.75	-1.75	31.97	25.76	224.3	0.082	1437.4
40	-1.76	-1.76	32.07	25.82	217.9	0.094	1437.6
45	-1.76	-1.76	32.24	25.96	209.2	0.104	1437.9
50	-1.75	-1.75	32.48	26.16	186.1	0.114	1438.4
55	-1.72	-1.72	32.62	26.27	175.3	0.123	1438.8
60	-1.78	-1.78	32.74	26.34	168.9	0.132	1438.8
65	-1.77	-1.77	32.81	26.43	160.5	0.148	1439.1
70	-1.59	-1.59	33.07	26.63	141.3	0.164	1440.4
80	-1.59	-1.59	33.32	26.83	121.8	0.177	1442.0
90	-1.60	-1.60	33.63	27.08	98.8	0.188	1444.2
100	-1.45	-1.45	33.93	27.32	75.9	0.197	1444.2
110	-1.45	-1.45	34.07	27.44	55.5	0.204	1444.3
120	-1.46	-1.46	34.19	27.53	49.3	0.210	1444.3
130	-1.38	-1.39	34.28	27.60	43.9	0.215	1444.8
140	-1.22	-1.23	34.36	27.66	39.9	0.220	1444.6
150	-1.03	-1.03	34.42	27.70	37.1	0.228	1447.1
160	-0.99	-1.00	34.46	27.73	34.0	0.232	1448.7
170	-0.89	-0.90	34.51	27.76	31.0	0.235	1449.2
180	-0.70	-0.70	34.56	27.79	28.8	0.238	1449.7
190	-0.56	-0.56	34.59	27.82	26.4	0.241	1450.6
200	-0.48	-0.49	34.63	27.84	24.2	0.243	1451.4
210	-0.34	-0.35	34.67	27.87	22.4	0.246	1452.2
220	-0.21	-0.21	34.70	27.89	20.4	0.248	1453.1
230	-0.08	-0.09	34.74	27.91	18.4	0.250	1453.9
240	0.07	0.06	34.77	27.93	16.5	0.252	1454.6
250	0.20	0.19	34.81	27.95	14.7	0.255	1455.4
260	0.30	0.31	34.84	27.96	13.1	0.258	1456.3
270	0.33	0.37	34.86	27.97	11.6	0.261	1457.4
280	0.38	0.47	34.87	27.99	10.3	0.262	1457.7
290	0.48	0.53	34.88	28.00	9.1	0.263	1457.7
300	0.54	0.53	34.89	28.00	8.1	0.264	1458.3
310	0.58	0.56	34.89	28.00	7.2	0.267	1458.6
320	0.57	0.56	34.87	27.99	6.6	0.269	1458.7
330	0.61	0.61	34.89	28.00	6.0	0.272	1458.7
340	0.62	0.60	34.90	28.01	5.5	0.274	1458.9
350	0.69	0.67	34.90	28.00	5.0	0.277	1459.2
360	0.69	0.67	34.90	28.00	4.4	0.279	1459.5
370	0.62	0.59	34.90	28.01	4.0	0.281	1459.6
380	0.59	0.57	34.91	28.02	3.5	0.283	1459.6
390	0.51	0.48	34.91	28.03	3.0	0.285	1459.7
400	0.46	0.44	34.91	28.03	2.5	0.287	1459.7
410	0.44	0.44	34.91	28.04	2.0	0.289	1460.0
420	0.39	0.37	34.91	28.04	1.6	0.292	1460.3
430	0.33	0.30	34.91	28.04	1.3	0.294	1460.4
440	0.25	0.22	34.91	28.04	1.0	0.297	1460.7
450	0.19	0.16	34.91	28.05	0.8	0.298	1460.7
460	0.16	0.13	34.92	28.05	0.7	0.299	1460.7
470	0.12	0.09	34.91	28.05	0.6	0.299	1460.7
480	0.07	0.04	34.91	28.05	0.5	0.299	1460.7
490	0.00	0.00	34.91	28.05	0.4	0.299	1460.7
500	0.00	0.00	34.91	28.05	0.3	0.299	1460.7
510	0.00	0.00	34.91	28.05	0.2	0.299	1460.7
520	0.00	0.00	34.91	28.05	0.1	0.299	1460.7
530	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
540	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
550	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
560	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
570	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
580	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
590	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
600	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
610	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
620	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
630	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
640	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
650	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
660	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
670	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
680	0.00	0.00	34.91	28.05	0.0	0.299	1460.7
690	0.00	0.00	34.91	28.05	0.0	0.299	1460.7

DEPTH TEMP. SALIN  
BOT NUM = 1 3.6  
BOT NUM = 2 27.5  
BOT NUM = 3 385.4  
BOT NUM = 4 700.5  
-1.74  
0.72  
0.05  
31.77  
31.91  
34.89  
34.90

FRAM 1 STATION 47(1) CTD 22/APR/1979 710 GMT CODE = 1  
LAT = 84.3267N LNG = 8.3374W LTER = 0. LGER = 0.  
AIR TEMP = -26.6 BAROM = 1031.1 WIND = 246.0 SPEED = 2.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.87	25.66	233.7	0.000	1436.7
3	-1.74	-1.74	31.87	25.66	233.7	0.007	1436.8
5	-1.74	-1.74	31.88	25.67	233.3	0.012	1436.8
10	-1.74	-1.74	31.89	25.68	232.1	0.023	1436.9
15	-1.74	-1.74	31.90	25.69	231.9	0.035	1437.0
20	-1.74	-1.74	31.92	25.70	224.0	0.047	1437.1
25	-1.75	-1.75	31.94	25.75	220.9	0.058	1437.2
30	-1.75	-1.75	31.98	25.80	210.5	0.070	1437.3
35	-1.74	-1.74	32.04	25.82	198.9	0.081	1437.5
40	-1.74	-1.74	32.17	25.90	183.6	0.092	1437.7
45	-1.74	-1.74	32.32	26.02	164.4	0.102	1438.1
50	-1.74	-1.74	32.58	26.18	144.0	0.112	1438.4
55	-1.74	-1.74	32.76	26.31	122.0	0.121	1438.8
60	-1.74	-1.74	32.85	26.39	104.4	0.138	1439.0
65	-1.70	-1.70	33.12	26.45	84.0	0.146	1439.4
70	-1.64	-1.64	33.43	26.67	64.4	0.161	1440.0
80	-1.61	-1.61	33.68	26.92	44.4	0.174	1441.0
90	-1.50	-1.50	33.92	27.12	24.4	0.185	1442.6
100	-1.48	-1.48	34.09	27.31	9.4	0.193	1444.2
110	-1.43	-1.43	34.21	27.45	5.4	0.200	1444.3
120	-1.36	-1.36	34.27	27.54	4.9	0.206	1444.3
130	-1.26	-1.26	34.35	27.59	4.4	0.211	1444.5
140	-1.11	-1.11	34.42	27.65	3.9	0.216	1444.6
150	-0.96	-0.97	34.47	27.70	3.6	0.220	1444.7
160	-0.84	-0.85	34.52	27.74	3.3	0.224	1444.8
170	-0.68	-0.69	34.56	27.80	3.0	0.228	1444.9
180	-0.53	-0.53	34.59	27.82	2.8	0.231	1445.0
190	-0.42	-0.43	34.60	27.84	2.6	0.233	1445.0
200	-0.29	-0.30	34.63	27.87	2.3	0.237	1445.1
210	-0.15	-0.16	34.67	27.89	2.0	0.239	1445.1
220	0.04	0.05	34.70	27.91	1.8	0.242	1445.2
230	0.10	0.09	34.74	27.93	1.7	0.244	1445.3
240	0.23	0.22	34.77	27.94	1.6	0.247	1445.4
250	0.30	0.29	34.81	27.95	1.5	0.249	1445.5
260	0.34	0.33	34.83	27.97	1.4	0.251	1445.6
270	0.43	0.41	34.85	27.98	1.3	0.252	1445.6
280	0.49	0.48	34.86	27.99	1.2	0.253	1445.7
290	0.51	0.50	34.87	27.99	1.1	0.254	1445.7
300	0.54	0.52	34.87	27.99	1.0	0.255	1445.7
310	0.56	0.55	34.87	27.99	0.9	0.257	1445.6
320	0.58	0.57	34.87	27.99	0.8	0.258	1445.6
330	0.61	0.60	34.88	28.00	0.7	0.259	1445.7
340	0.63	0.61	34.89	28.00	0.6	0.261	1445.7
350	0.65	0.64	34.89	28.00	0.5	0.263	1445.8
360	0.66	0.64	34.89	28.00	0.4	0.266	1445.8
370	0.66	0.64	34.89	28.00	0.3	0.268	1445.8
380	0.62	0.60	34.90	28.01	0.2	0.271	1445.9
390	0.60	0.58	34.90	28.01	0.1	0.273	1445.9
400	0.56	0.54	34.90	28.02	0.0	0.275	1445.9
410	0.47	0.45	34.91	28.03	0.0	0.278	1445.9
420	0.41	0.39	34.91	28.03	0.0	0.280	1445.9
430	0.36	0.34	34.91	28.03	0.0	0.282	1445.9
440	0.32	0.30	34.91	28.04	0.0	0.283	1445.9
450	0.28	0.25	34.91	28.04	0.0	0.285	1445.9
460	0.24	0.22	34.91	28.04	0.0	0.287	1445.9
470	0.21	0.18	34.91	28.04	0.0	0.289	1446.0
480	0.17	0.14	34.91	28.05	0.0	0.292	1446.0
490	0.13	0.11	34.91	28.05	0.0	0.294	1446.0
500	0.10	0.07	34.91	28.05	0.0	0.295	1446.0
510	0.06	0.04	34.91	28.05	0.0	0.296	1446.0
520	0.00	0.00	34.91	28.05	0.0	0.296	1446.0
530	0.00	0.00	34.91	28.05	0.0	0.296	1446.0
540	0.00	0.00	34.91	28.05	0.0	0.296	1446.0
550	0.00	0.00	34.91	28.05	0.0	0.296	1446.0
560	0.00	0.00	34.91	28.05	0.0	0.296	1446.0
570	0.00	0.00	34.91	28.05	0.0	0.296	1446.0
580	0.00	0.00	34.91	28.05	0.0	0.296	1446.0
590	0.00	0.00	34.91	28.05	0.0	0.296	1446.0
600	0.00	0.00	34.91	28.05	0.0	0.296	1446.0
610	0.00	0.00	34.91	28.05	0.0	0.296	1446.0
620	0.00	0.00	34.91	28.05	0.0	0.296	144





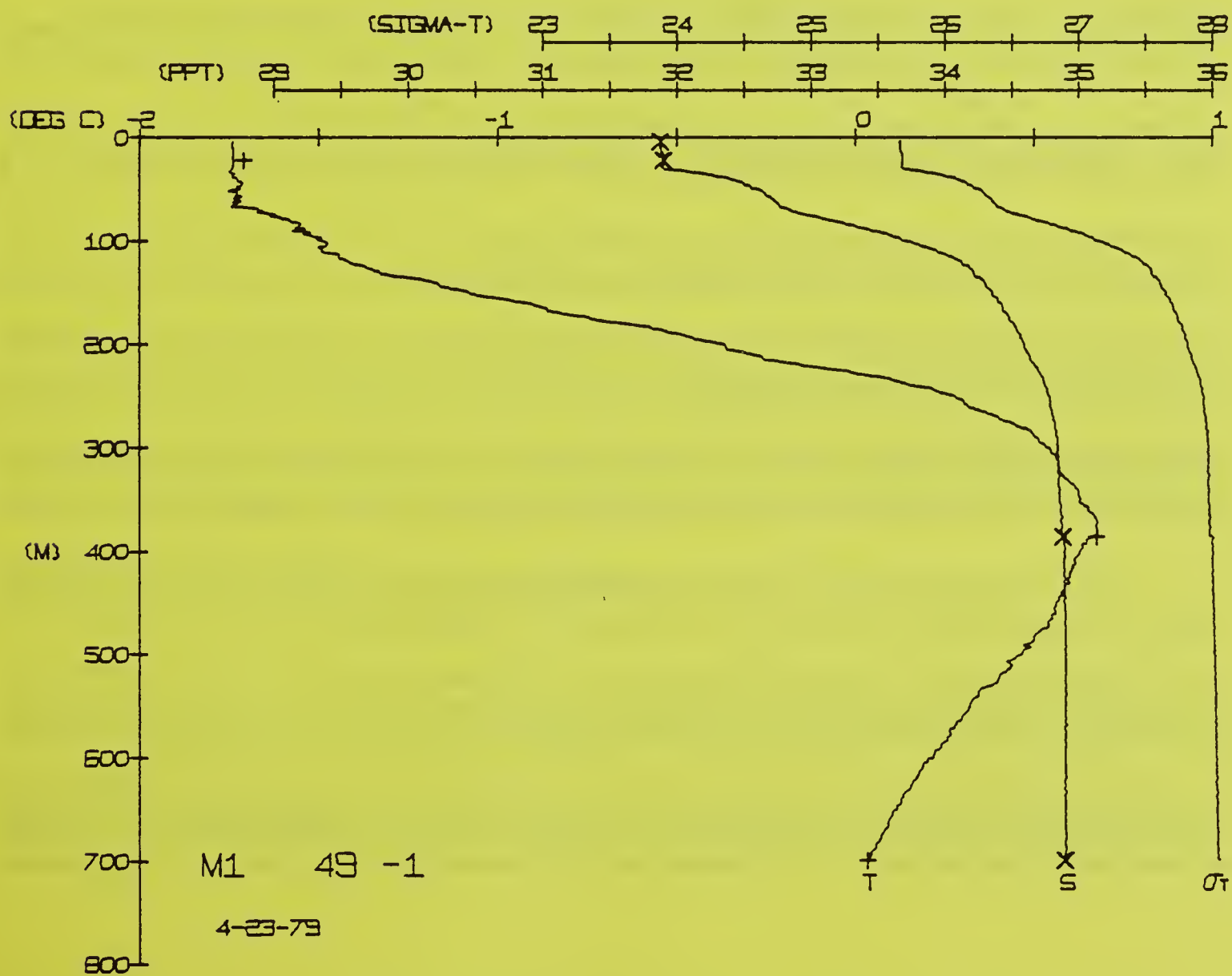
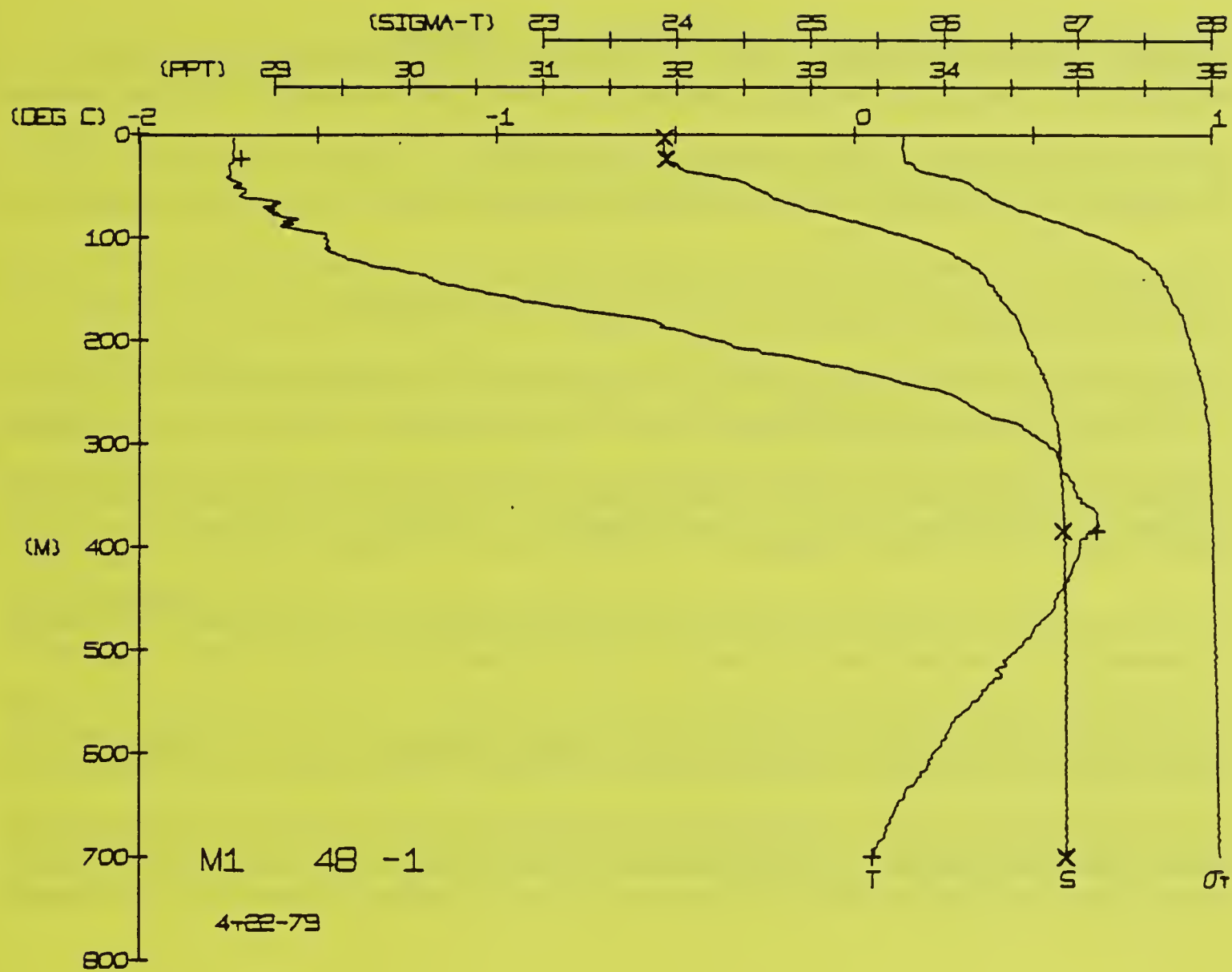
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FRAM 1 STATION 49(1) CTD 23/APR/1979 705 GMT CODE = 1
LAT = 84. 3167N LNG = 8.2307W LTER = 4. LGER = 12.
AIR TEMP = -26. 0 BARDOM = 1015. 5 WIND = 105. 0 SPEED = 2.4

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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	74	74	31.88	25.67	233.0	0.007	1436.7
0.3	74	74	31.88	25.67	233.0	0.007	1436.8
5.0	74	74	31.88	25.67	233.0	0.012	1436.8
10.0	74	74	31.88	25.67	233.0	0.025	1436.9
15.0	74	74	31.89	25.68	231.8	0.035	1437.0
20.0	74	74	31.89	25.68	231.8	0.047	1437.1
25.0	74	74	31.90	25.68	231.5	0.058	1437.2
30.0	74	74	32.17	25.91	210.5	0.070	1437.7
35.0	74	73	32.39	26.08	193.0	0.081	1438.1
40.0	73	71	32.50	26.17	185.3	0.091	1438.5
45.0	71	71	32.59	26.24	173.0	0.101	1438.8
50.0	72	72	32.65	26.30	172.2	0.119	1438.8
55.0	73	73	32.71	26.34	165.4	0.127	1438.9
60.0	74	74	32.81	26.42	155.7	0.136	1439.1
65.0	74	74	32.81	26.46	150.0	0.144	1440.0
70.0	58	58	33.44	26.93	138.0	0.159	1441.1
80.0	55	55	33.69	27.13	113.0	0.172	1442.1
90.0	50	50	33.93	27.33	75.7	0.182	1442.6
100.0	49	49	34.12	27.47	61.0	0.191	1443.4
110.0	42	42	34.21	27.54	54.5	0.198	1444.4
120.0	33	34	34.29	27.61	48.6	0.203	1444.4
130.0	19	19	34.35	27.69	44.7	0.209	1444.5
140.0	11	11	34.41	27.72	40.4	0.213	1444.5
150.0	09	09	34.45	27.76	33.1	0.218	1444.6
160.0	08	08	34.45	27.79	29.1	0.222	1444.7
170.0	08	08	34.51	27.82	24.5	0.225	1444.8
180.0	06	06	34.56	27.84	21.5	0.229	1444.9
190.0	05	05	34.59	27.86	18.7	0.232	1450.0
200.0	03	03	34.63	27.88	16.2	0.234	1451.1
210.0	00	00	34.72	27.90	14.5	0.237	1452.7
220.0	00	00	34.75	27.92	12.1	0.239	1453.1
230.0	00	00	34.78	27.93	10.5	0.241	1453.7
240.0	00	00	34.79	27.94	9.5	0.243	1454.4
250.0	00	00	34.81	27.95	8.2	0.245	1454.7
260.0	00	00	34.82	27.96	7.1	0.249	1455.1
270.0	00	00	34.84	27.97	6.2	0.250	1455.6
280.0	00	00	34.84	27.97	5.5	0.252	1456.1
290.0	00	00	34.85	27.97	4.8	0.255	1456.4
300.0	00	00	34.85	27.97	4.1	0.255	1456.7
310.0	00	00	34.86	27.98	3.7	0.256	1457.1
320.0	00	00	34.86	27.98	3.3	0.258	1457.4
330.0	00	00	34.88	27.99	2.7	0.259	1457.6
340.0	00	00	34.88	27.99	2.2	0.262	1458.1
350.0	00	00	34.89	28.00	1.9	0.265	1458.5
360.0	00	00	34.90	28.01	1.4	0.267	1458.8
370.0	00	00	34.90	28.01	1.1	0.269	1459.1
380.0	00	00	34.90	28.02	1.0	0.274	1459.4
390.0	00	00	34.91	28.03	0.9	0.276	1459.9
400.0	00	00	34.91	28.03	0.8	0.280	1459.9
410.0	00	00	34.91	28.04	0.7	0.282	1459.9
420.0	00	00	34.91	28.04	0.6	0.284	1459.9
430.0	00	00	34.91	28.04	0.5	0.285	1460.0
440.0	00	00	34.91	28.04	0.4	0.287	1460.0
450.0	00	00	34.91	28.04	0.4	0.289	1460.0
460.0	00	00	34.91	28.04	0.3	0.291	1460.0
470.0	00	00	34.91	28.04	0.3	0.292	1460.0
480.0	00	00	34.91	28.04	0.2	0.294	1460.0
490.0	00	00	34.91	28.04	0.2	0.294	1460.0
500.0	00	00	34.91	28.04	0.2	0.294	1460.0
510.0	00	00	34.91	28.04	0.2	0.294	1460.0
520.0	00	00	34.91	28.04	0.2	0.294	1460.0
530.0	00	00	34.91	28.04	0.2	0.294	1460.0
540.0	00	00	34.91	28.04	0.2	0.294	1460.0
550.0	00	00	34.91	28.04	0.2	0.294	1460.0
560.0	00	00	34.91	28.04	0.2	0.294	1460.0
570.0	00	00	34.91	28.04	0.2	0.294	1460.0
580.0	00	00	34.91	28.04	0.2	0.294	1460.0
590.0	00	00	34.91	28.04	0.2	0.294	1460.0
600.0	00	00	34.91	28.04	0.2	0.294	1460.0
610.0	00	00	34.91	28.04	0.2	0.294	1460.0
620.0	00	00	34.91	28.04	0.2	0.294	1460.0
630.0	00	00	34.91	28.04	0.2	0.294	1460.0
640.0	00	00	34.91	28.04	0.2	0.294	1460.0
650.0	00	00	34.91	28.04	0.2	0.294	1460.0
660.0	00	00	34.91	28.04	0.2	0.294	1460.0
670.0	00	00	34.91	28.04	0.2	0.294	1460.0
680.0	00	00	34.91	28.04	0.2	0.294	1460.0
690.0	00	00	34.91	28.04	0.2	0.294	1460.0
700.0	00	00	34.91	28.04	0.2	0.294	1460.0







FRAM 1 STATION 50(1) CTD 23/APR/1979 1906 GMT CODE = 1  
LAT = 84.3131N LNG = 8.1776W LTER = 4. LGER = 11.  
AIR TEMP = -26.0 BAROM = 1018.9 WIND = 105.0 SPEED = 2.4

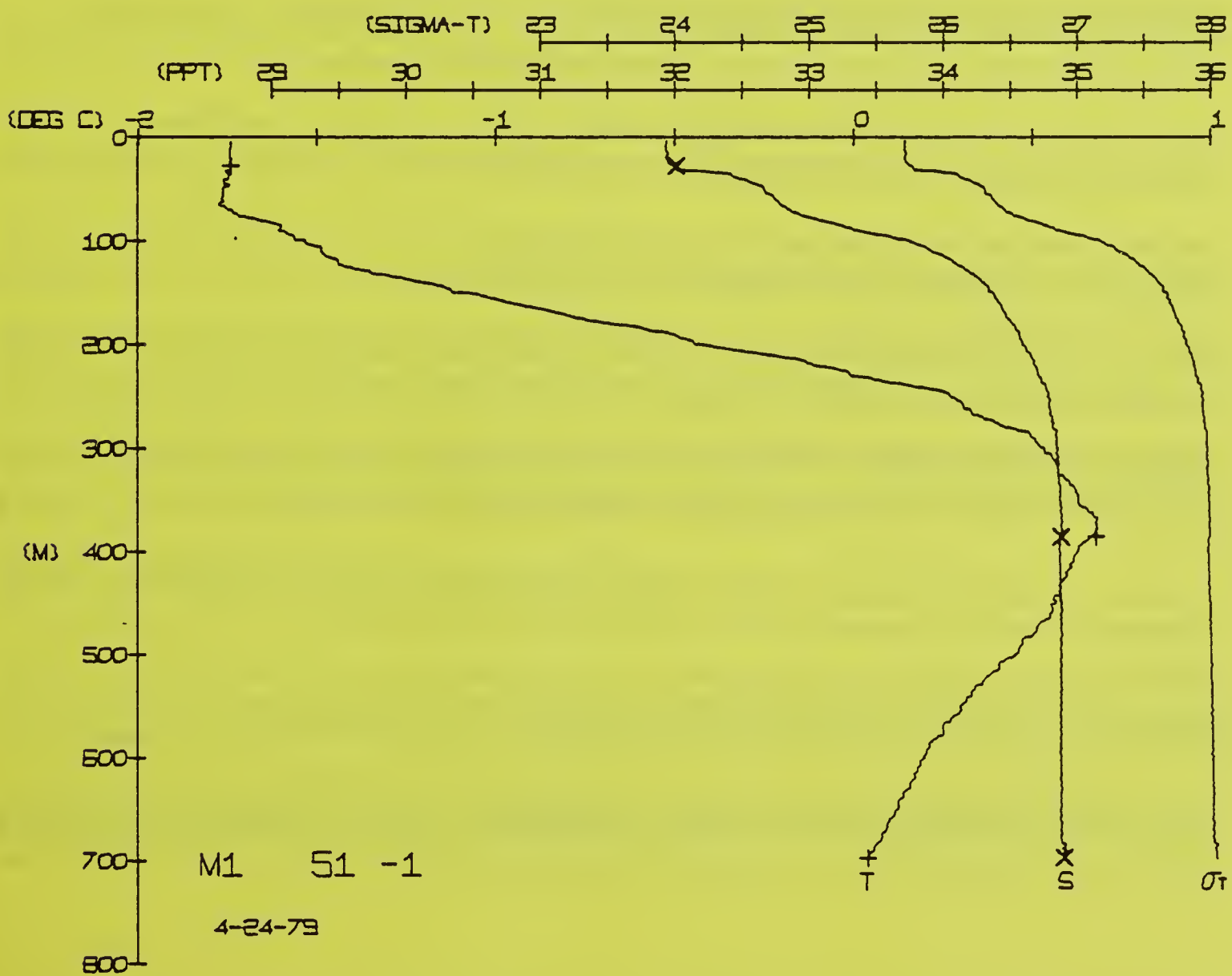
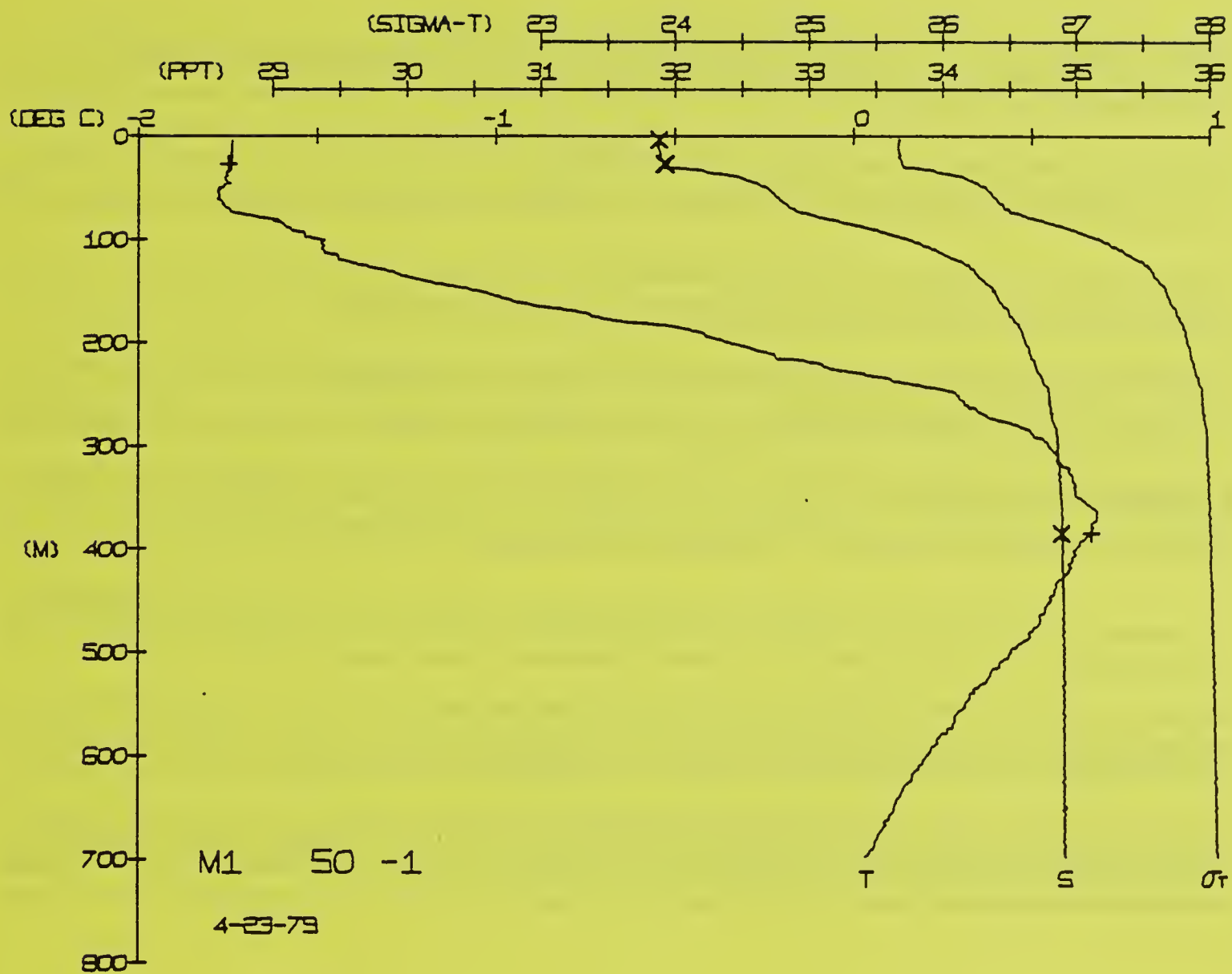
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.88	25.67	232.7	0.000	1436.7
0	-1.74	-1.74	31.88	25.67	232.7	0.007	1436.8
0	-1.74	-1.74	31.88	25.67	232.6	0.012	1436.9
0	-1.74	-1.74	31.88	25.67	232.5	0.023	1437.0
0	-1.74	-1.74	31.89	25.67	232.4	0.035	1437.1
0	-1.74	-1.74	31.90	25.68	231.3	0.047	1437.2
0	-1.74	-1.74	31.93	25.71	229.7	0.059	1437.3
0	-1.75	-1.75	32.23	25.95	220.5	0.070	1437.7
0	-1.75	-1.75	32.47	26.15	187.2	0.081	1438.1
0	-1.75	-1.75	32.57	26.23	179.8	0.091	1438.4
0	-1.77	-1.77	32.67	26.31	167.0	0.109	1438.5
0	-1.77	-1.77	32.73	26.36	164.3	0.118	1438.7
0	-1.78	-1.78	32.82	26.43	160.5	0.124	1438.8
0	-1.77	-1.77	32.86	26.46	157.7	0.134	1439.0
0	-1.75	-1.75	33.09	26.53	139.3	0.142	1439.2
0	-1.65	-1.65	33.44	26.93	113.1	0.157	1440.1
0	-1.57	-1.57	33.71	27.15	92.1	0.170	1442.0
0	-1.48	-1.48	33.92	27.31	76.5	0.189	1444.2
0	-1.44	-1.44	34.09	27.45	63.8	0.196	1444.3
0	-1.32	-1.32	34.23	27.56	52.8	0.207	1444.4
0	-1.22	-1.22	34.37	27.61	43.3	0.211	1444.5
0	-1.07	-1.07	34.41	27.70	40.0	0.215	1444.6
0	-0.96	-0.96	34.48	27.74	35.8	0.219	1444.7
0	-0.79	-0.80	34.53	27.78	32.9	0.223	1444.8
0	-0.66	-0.67	34.59	27.82	29.4	0.226	1444.9
0	-0.45	-0.45	34.61	27.83	27.1	0.229	1445.0
0	-0.36	-0.36	34.65	27.85	25.5	0.231	1445.1
0	-0.25	-0.26	34.67	27.87	24.0	0.234	1445.2
0	-0.12	-0.13	34.71	27.89	22.0	0.236	1445.3
0	0.00	0.01	34.75	27.92	19.9	0.238	1445.4
0	0.14	0.13	34.79	27.94	17.4	0.242	1445.4
0	0.28	0.27	34.81	27.96	16.4	0.244	1445.5
0	0.31	0.30	34.85	27.97	15.4	0.245	1445.6
0	0.45	0.43	34.86	27.98	14.4	0.247	1445.6
0	0.50	0.49	34.86	27.98	14.2	0.248	1445.6
0	0.54	0.53	34.86	27.98	14.2	0.248	1445.6
0	0.57	0.57	34.86	27.98	14.2	0.248	1445.6
0	0.58	0.57	34.86	27.98	14.2	0.248	1445.6
0	0.61	0.60	34.87	27.99	13.6	0.253	1445.7
0	0.62	0.61	34.88	27.99	13.3	0.254	1445.7
0	0.63	0.61	34.88	27.99	13.3	0.254	1445.7
0	0.63	0.61	34.88	27.99	13.3	0.254	1445.7
0	0.65	0.63	34.89	28.00	12.6	0.258	1445.8
0	0.61	0.59	34.89	28.01	11.1	0.263	1445.8
0	0.55	0.56	34.89	28.01	11.3	0.267	1445.8
0	0.55	0.53	34.90	28.01	11.3	0.267	1445.8
0	0.52	0.50	34.90	28.02	11.0	0.270	1445.9
0	0.48	0.45	34.90	28.02	10.4	0.272	1445.9
0	0.41	0.39	34.91	28.03	9.9	0.274	1445.9
0	0.37	0.35	34.91	28.03	9.9	0.276	1445.9
0	0.31	0.29	34.91	28.04	9.9	0.280	1445.9
0	0.28	0.25	34.91	28.04	9.9	0.282	1445.9
0	0.23	0.20	34.91	28.04	9.9	0.283	1445.9
0	0.18	0.16	34.91	28.04	9.9	0.285	1446.0
0	0.11	0.08	34.91	28.04	9.9	0.287	1446.0
0	0.08	0.05	34.91	28.05	9.9	0.288	1446.0

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
3.6  
26.9  
385.6  
-1.75  
0.67  
31.88  
31.92  
31.91  
34.88

FRAM 1 STATION 51(1) CTD 24/APR/1979 714 GMT CODE = 1  
LAT = 84.3076N LNG = 8.1380W LTER = 0. LGER = 0.  
AIR TEMP = -29.8 BAROM = 1021.5 WIND = 51.0 SPEED = 1.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	31.93	25.71	229.0	0.000	1436.8
0	-1.74	-1.74	31.93	25.71	228.9	0.007	1436.8
0	-1.74	-1.74	31.93	25.71	228.8	0.012	1436.9
0	-1.74	-1.74	31.93	25.71	228.7	0.023	1437.0
0	-1.74	-1.74	31.94	25.72	228.0	0.035	1437.1
0	-1.74	-1.74	31.96	25.73	226.8	0.046	1437.2
0	-1.75	-1.75	32.01	25.77	223.1	0.057	1437.4
0	-1.75	-1.75	32.35	26.06	197.8	0.069	1437.7
0	-1.76	-1.76	32.47	26.14	187.4	0.079	1437.9
0	-1.76	-1.76	32.58	26.24	178.4	0.089	1438.1
0	-1.76	-1.76	32.69	26.30	172.3	0.098	1438.4
0	-1.76	-1.76	32.75	26.38	165.2	0.107	1438.5
0	-1.77	-1.77	32.84	26.45	158.4	0.116	1438.7
0	-1.77	-1.77	33.06	26.62	142.1	0.132	1438.9
0	-1.66	-1.67	33.33	26.84	121.6	0.140	1439.2
0	-1.53	-1.53	33.73	27.16	91.0	0.156	1440.9
0	-1.48	-1.49	33.91	27.31	76.6	0.169	1441.9
0	-1.44	-1.44	34.07	27.44	64.5	0.180	1442.6
0	-1.35	-1.35	34.29	27.54	55.3	0.188	1443.0
0	-1.22	-1.22	34.37	27.66	48.8	0.201	1444.4
0	-1.09	-1.09	34.42	27.70	43.9	0.211	1444.5
0	-0.96	-0.97	34.46	27.73	39.7	0.215	1444.6
0	-0.82	-0.83	34.52	27.77	36.7	0.219	1444.7
0	-0.69	-0.69	34.56	27.80	33.0	0.223	1444.8
0	-0.51	-0.51	34.64	27.85	28.5	0.226	1444.9
0	-0.44	-0.44	34.68	27.88	25.3	0.232	1445.1
0	-0.25	-0.26	34.71	27.89	21.8	0.236	1445.3
0	0.00	0.01	34.75	27.92	19.7	0.240	1445.4
0	0.14	0.13	34.79	27.94	17.7	0.242	1445.4
0	0.27	0.27	34.81	27.96	16.7	0.244	1445.5
0	0.31	0.30	34.85	27.97	16.4	0.246	1445.5
0	0.42	0.41	34.86	27.98	15.4	0.247	1445.6
0	0.52	0.51	34.86	27.98	14.4	0.249	1445.6
0	0.56	0.54	34.86	27.98	14.4	0.250	1445.6
0	0.57	0.56	34.86	27.98	14.4	0.252	1445.6
0	0.59	0.57	34.87	27.99	14.4	0.253	1445.7
0	0.62	0.61	34.87	27.99	13.7	0.254	1445.7
0	0.63	0.61	34.88	27.99	13.3	0.254	1445.7
0	0.63	0.61	34.88	27.99	13.3	0.254	1445.7
0	0.65	0.64	34.89	28.00	12.6	0.258	1445.8
0	0.61	0.59	34.89	28.01	11.3	0.261	1445.8
0	0.55	0.57	34.89	28.01	11.3	0.264	1445.8
0	0.55	0.54	34.89	28.01	11.2	0.267	1445.8
0	0.52	0.50	34.89	28.00	11.2	0.269	1445.9
0	0.47	0.45	34.89	28.01	11.4	0.272	1445.9
0	0.41	0.39	34.88	28.01	11.4	0.274	1445.9
0	0.36	0.35	34.88	28.01	11.1	0.276	1445.9
0	0.30	0.28	34.89	28.02	11.0	0.281	1445.9
0	0.25	0.23	34.89	28.02	11.0	0.283	1445.9
0	0.21	0.19	34.89	28.03	10.1	0.285	1445.9
0	0.18	0.15	34.89	28.03	9.9	0.287	1446.0
0	0.12	0.10	34.89	28.03	9.9	0.291	1446.0
0	0.09	0.06	34.89	28.03	9.9	0.293	1446.0
0	0.06	0.03	34.91	28.05	9.9	0.294	1446.0

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
3.7  
27.1  
386.8  
-1.74  
0.68  
32.01  
34.88  
34.90





FRAM 1 STATION 52(1) CTD 24/APR/1979 1724 GMT CODE = 1  
LAT = 84.3024N LNG = 8.0877W LTER = 1. LGER = 2.  
AIR TEMP = -25.8 BAROM = 1021.5 WIND = 51.0 SPEED = 1.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.73	-1.73	31.88	25.67	232.7	0.000	1436.8
3.1	-1.73	-1.73	31.88	25.67	232.7	0.007	1436.8
5.0	-1.74	-1.74	31.91	25.69	231.0	0.012	1436.8
10.0	-1.74	-1.74	31.93	25.71	229.1	0.035	1436.9
15.0	-1.74	-1.74	31.96	25.73	227.9	0.046	1437.1
20.0	-1.74	-1.74	31.97	25.74	225.9	0.057	1437.2
25.0	-1.74	-1.74	32.01	25.77	223.1	0.068	1437.3
30.0	-1.76	-1.76	32.22	25.95	206.4	0.078	1437.6
35.0	-1.77	-1.77	32.41	26.10	191.5	0.088	1437.9
40.0	-1.77	-1.77	32.48	26.16	186.3	0.097	1438.2
45.0	-1.75	-1.75	32.56	26.22	180.7	0.106	1438.5
50.0	-1.76	-1.76	32.63	26.28	174.0	0.115	1438.8
55.0	-1.78	-1.79	32.69	26.33	170.0	0.123	1438.7
60.0	-1.79	-1.79	32.73	26.37	165.9	0.132	1438.8
65.0	-1.77	-1.77	32.78	26.40	163.1	0.140	1439.0
70.0	-1.77	-1.77	32.91	26.50	153.0	0.156	1439.5
80.0	-1.73	-1.74	32.29	26.81	124.2	0.170	1440.6
90.0	-1.66	-1.66	33.29	27.09	78.3	0.181	1441.7
100.0	-1.55	-1.56	33.84	27.29	33.3	0.197	1442.5
110.0	-1.50	-1.50	34.05	27.42	5.4	0.203	1443.2
120.0	-1.44	-1.44	34.20	27.53	0.9	0.213	1444.1
130.0	-1.33	-1.33	34.27	27.59	0.0	0.225	1444.4
140.0	-1.21	-1.21	34.34	27.64	0.0	0.232	1444.7
150.0	-1.09	-1.09	34.39	27.72	0.0	0.244	1445.4
160.0	-0.99	-0.99	34.45	27.76	0.0	0.253	1445.6
170.0	-0.87	-0.84	34.51	27.79	0.0	0.263	1445.8
180.0	-0.67	-0.68	34.55	27.81	0.0	0.271	1445.9
190.0	-0.53	-0.54	34.58	27.85	0.0	0.277	1445.9
200.0	-0.42	-0.42	34.64	27.88	0.0	0.281	1445.9
210.0	-0.21	-0.22	34.66	27.93	0.0	0.283	1445.9
220.0	-0.13	-0.14	34.69	27.97	0.0	0.285	1445.9
230.0	-0.03	-0.04	34.74	27.91	0.0	0.287	1445.9
240.0	0.16	0.15	34.76	27.92	0.0	0.288	1446.0
250.0	0.22	0.21	34.78	27.93	0.0	0.289	1446.0
260.0	0.30	0.29	34.79	27.94	0.0	0.290	1446.0
270.0	0.33	0.32	34.81	27.95	0.0	0.292	1446.0
280.0	0.41	0.39	34.83	27.96	0.0	0.293	1446.0
290.0	0.49	0.48	34.86	27.97	0.0	0.295	1446.0
300.0	0.52	0.51	34.87	27.97	0.0	0.295	1446.0
310.0	0.56	0.54	34.88	27.97	0.0	0.295	1446.0
320.0	0.57	0.56	34.88	27.97	0.0	0.295	1446.0
330.0	0.59	0.58	34.85	27.97	0.0	0.295	1446.0
340.0	0.62	0.60	34.86	27.98	0.0	0.295	1446.0
350.0	0.63	0.62	34.87	27.98	0.0	0.295	1446.0
360.0	0.66	0.65	34.89	27.99	0.0	0.295	1446.0
370.0	0.66	0.65	34.89	27.99	0.0	0.295	1446.0
380.0	0.62	0.60	34.89	27.99	0.0	0.295	1446.0
390.0	0.60	0.58	34.90	27.99	0.0	0.295	1446.0
400.0	0.60	0.58	34.90	27.99	0.0	0.295	1446.0
410.0	0.60	0.58	34.90	27.99	0.0	0.295	1446.0
420.0	0.58	0.56	34.91	27.99	0.0	0.295	1446.0
430.0	0.58	0.56	34.91	27.99	0.0	0.295	1446.0
440.0	0.47	0.45	34.91	27.99	0.0	0.295	1446.0
450.0	0.41	0.38	34.91	27.99	0.0	0.295	1446.0
460.0	0.36	0.33	34.91	27.99	0.0	0.295	1446.0
470.0	0.31	0.29	34.91	27.99	0.0	0.295	1446.0
480.0	0.26	0.23	34.91	27.99	0.0	0.295	1446.0
490.0	0.22	0.19	34.91	27.99	0.0	0.295	1446.0
500.0	0.18	0.15	34.91	27.99	0.0	0.295	1446.0
510.0	0.15	0.12	34.91	27.99	0.0	0.295	1446.0
520.0	0.11	0.08	34.91	27.99	0.0	0.295	1446.0
530.0	0.09	0.06	34.91	27.99	0.0	0.295	1446.0
540.0	0.06	0.03	34.91	27.99	0.0	0.295	1446.0

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

DEPTH 3.4  
26.6  
385.2  
695.5

TEMP. -1.74  
0.69  
0.05

SALIN 31.90  
32.05  
34.88  
34.90

FRAM 1 STATION 53(1) CTD 25/APR/1979 1140 GMT CODE = 1  
LAT = 84.2922N LNG = 8.0162W LTER = 1. LGER = 2.  
AIR TEMP = -21.9 BAROM = 1020.4 WIND = 125.0 SPEED = 1.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	32.00	25.76	223.9	0.000	1436.9
3.1	-1.74	-1.74	32.00	25.76	223.9	0.007	1436.9
5.0	-1.74	-1.74	32.00	25.77	223.5	0.011	1436.9
10.0	-1.75	-1.75	32.03	25.79	221.2	0.022	1437.1
15.0	-1.75	-1.75	32.16	25.89	211.5	0.033	1437.3
20.0	-1.77	-1.77	32.42	26.11	191.4	0.043	1437.7
25.0	-1.77	-1.77	32.46	26.14	187.9	0.053	1437.8
30.0	-1.77	-1.77	32.47	26.15	187.0	0.062	1437.9
35.0	-1.77	-1.77	32.48	26.16	185.5	0.072	1438.0
40.0	-1.77	-1.77	32.49	26.17	185.6	0.081	1438.1
45.0	-1.77	-1.77	32.49	26.16	185.9	0.091	1438.2
50.0	-1.77	-1.77	32.51	26.18	183.9	0.109	1438.3
55.0	-1.76	-1.76	32.59	26.25	177.1	0.118	1438.6
60.0	-1.77	-1.77	32.73	26.36	167.3	0.127	1438.9
65.0	-1.77	-1.77	32.78	26.40	163.4	0.135	1439.0
70.0	-1.76	-1.76	32.88	26.48	155.0	0.151	1439.5
80.0	-1.76	-1.76	32.28	26.80	125.2	0.166	1440.6
90.0	-1.64	-1.65	33.28	27.08	78.8	0.177	1441.7
100.0	-1.53	-1.55	33.83	27.29	33.3	0.186	1442.5
110.0	-1.49	-1.49	34.06	27.43	5.4	0.199	1443.2
120.0	-1.46	-1.47	34.17	27.52	0.9	0.205	1444.1
130.0	-1.38	-1.38	34.29	27.59	0.0	0.214	1444.4
140.0	-1.21	-1.22	34.34	27.61	0.0	0.221	1444.7
150.0	-1.12	-1.12	34.41	27.65	0.0	0.227	1445.4
160.0	-0.98	-0.98	34.45	27.73	0.0	0.233	1445.6
170.0	-0.85	-0.85	34.51	27.77	0.0	0.244	1445.8
180.0	-0.70	-0.71	34.55	27.79	0.0	0.253	1445.9
190.0	-0.59	-0.60	34.58	27.81	0.0	0.259	1445.9
200.0	-0.43	-0.43	34.63	27.82	0.0	0.264	1445.9
210.0	-0.30	-0.31	34.69	27.88	0.0	0.271	1445.9
220.0	-0.11	-0.12	34.71	27.91	0.0	0.277	1445.9
230.0	0.01	0.02	34.74	27.94	0.0	0.281	1445.9
240.0	0.11	0.10	34.78	27.95	0.0	0.283	1445.9
250.0	0.25	0.24	34.80	27.95	0.0	0.285	1445.9
260.0	0.33	0.32	34.83	27.97	0.0	0.287	1445.9
270.0	0.42	0.40	34.86	27.98	0.0	0.288	1446.0
280.0	0.49	0.48	34.87	27.98	0.0	0.288	1446.0
290.0	0.53	0.52	34.88	27.98	0.0	0.288	1446.0
300.0	0.57	0.56	34.88	27.98	0.0	0.288	1446.0
310.0	0.58	0.57	34.86	27.98	0.0	0.288	1446.0
320.0	0.61	0.61	34.87	27.99	0.0	0.288	1446.0
330.0	0.64	0.63	34.89	27.99	0.0	0.288	1446.0
340.0	0.69	0.67	34.90	27.99	0.0	0.288	1446.0
350.0	0.69	0.67	34.90	27.99	0.0	0.288	1446.0
360.0	0.64	0.62	34.90	27.99	0.0	0.288	1446.0
370.0	0.61	0.59	34.90	27.99	0.0	0.288	1446.0
380.0	0.58	0.56	34.90	27.99	0.0	0.288	1446.0
390.0	0.54	0.52	34.90	27.99	0.0	0.288	1446.0
400.0	0.46	0.44	34.90	27.99	0.0	0.288	1446.0
410.0	0.40	0.37	34.90	27.99	0.0	0.288	1446.0
420.0	0.35	0.32	34.90	27.99	0.0	0.288	1446.0
430.0	0.30	0.27	34.90	27.99	0.0	0.288	1446.0
440.0	0.23	0.20	34.91	27.99	0.0	0.288	1446.0
450.0	0.19	0.17	34.91	27.99	0.0	0.288	1446.0
460.0	0.15	0.12	34.91	27.99	0.0	0.288	1446.0
470.0	0.11	0.09	34.91	27.99	0.0	0.288	1446.0
480.0	0.08	0.05	34.91	27.99	0.0	0.288	1446.0
490.0	0.05	0.02	34.91	27.99	0.0	0.288	1446.0

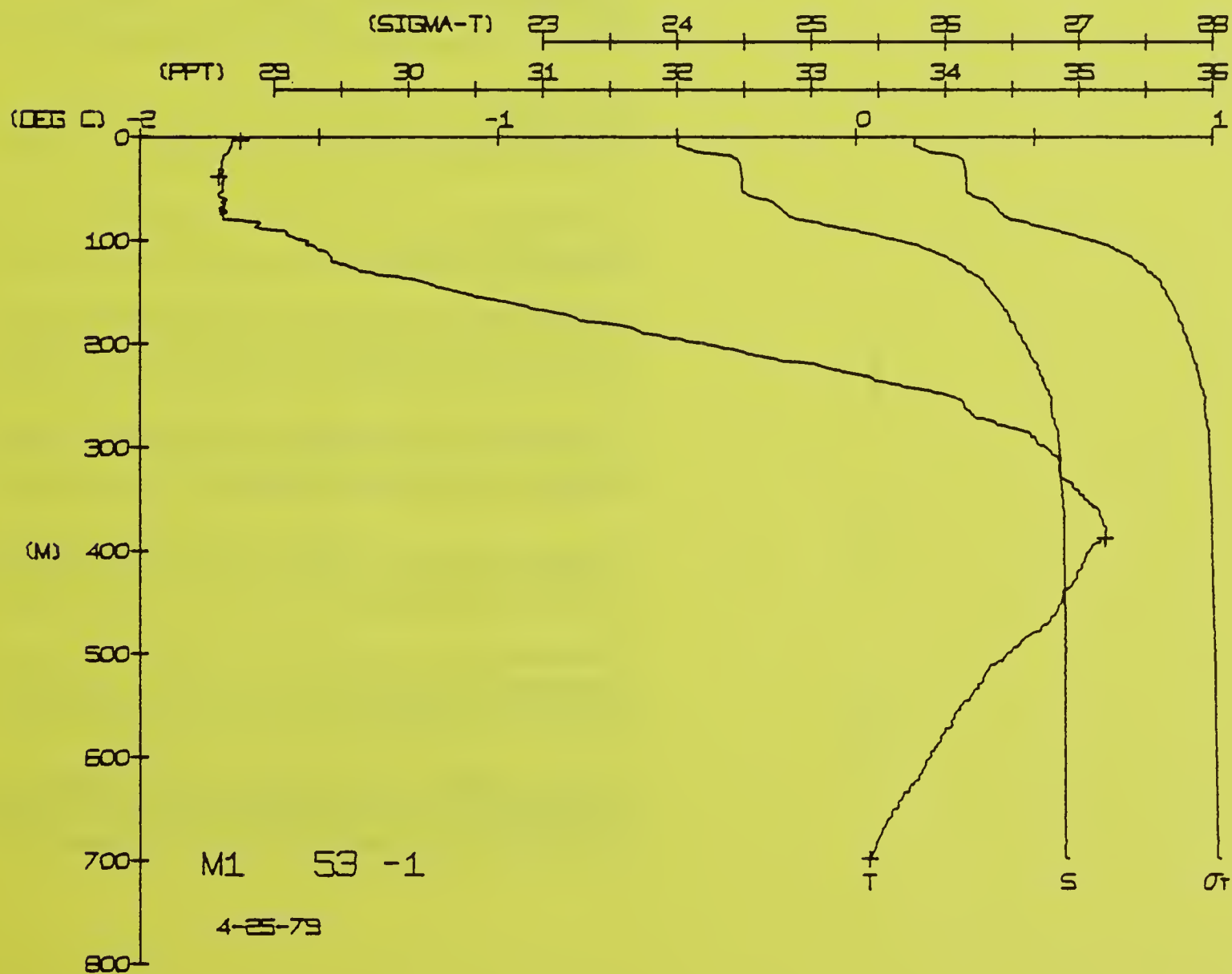
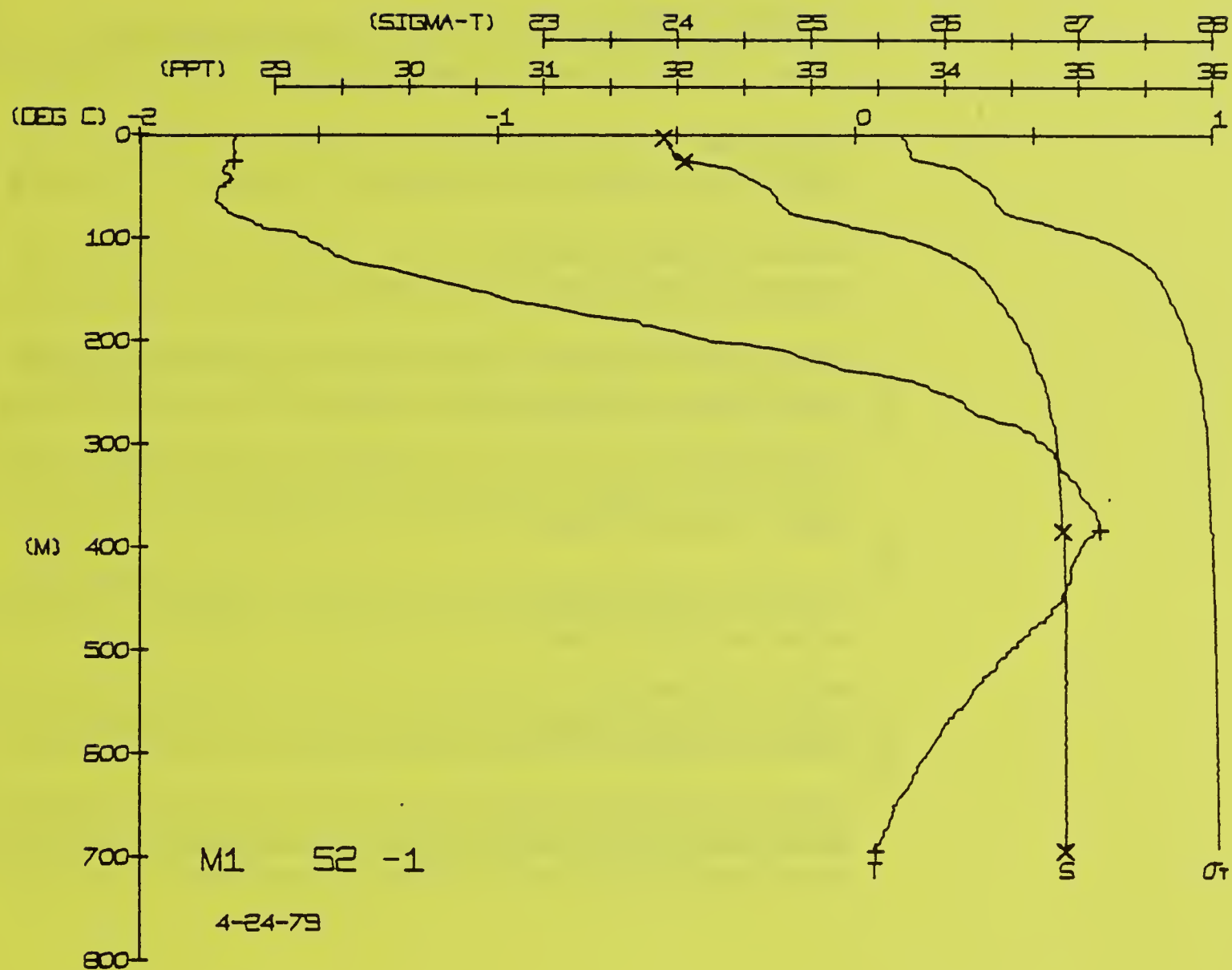
BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

DEPTH 3.4  
38.2  
388.9  
699.0

TEMP. -1.72  
0.70  
0.04

SALIN 31.90  
32.05  
34.88  
34.90



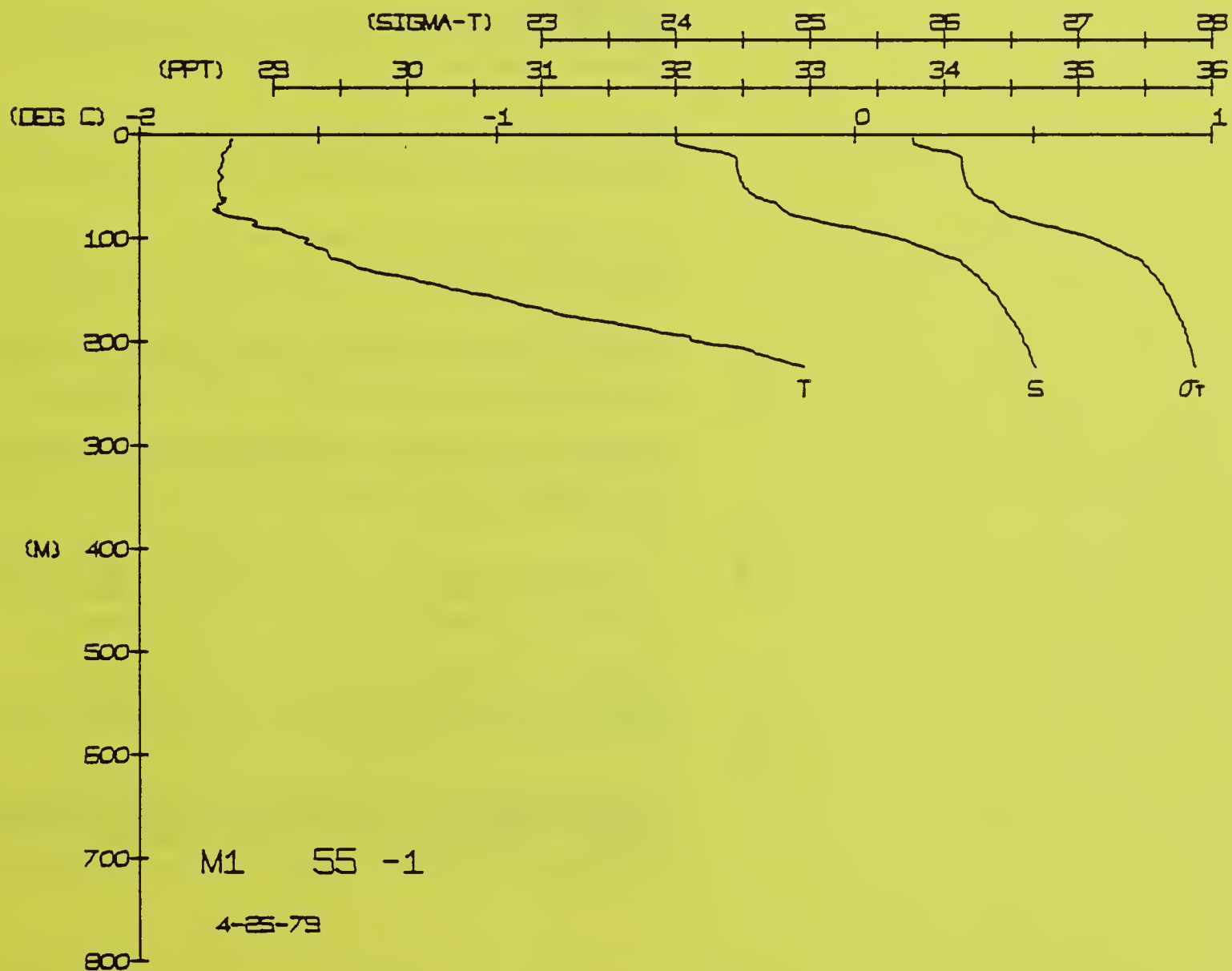
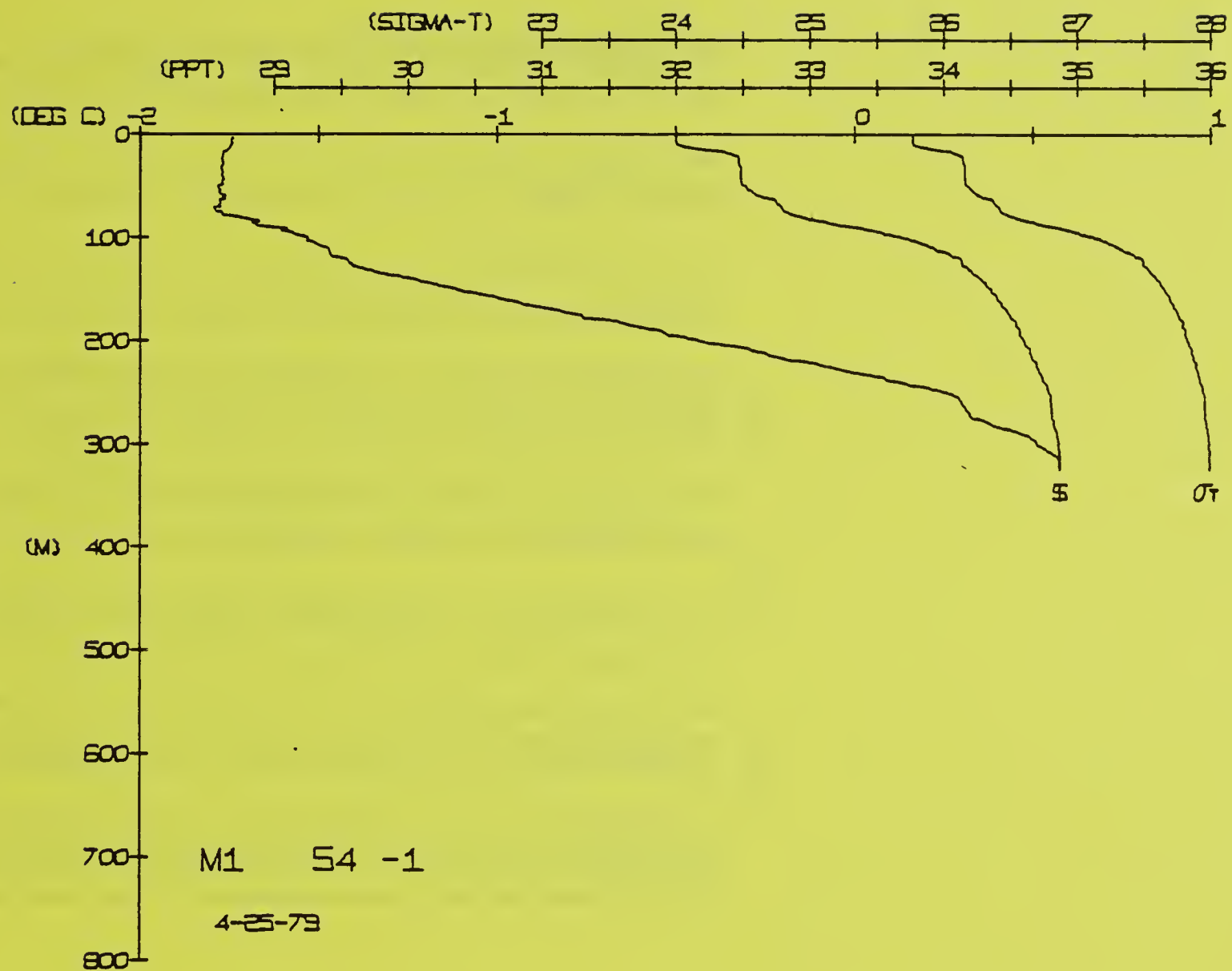


FRAM 1 STATION 54(1) CTD 25/APR/1979 1316 GMT CODE = 1  
LAT = 84.2915N LNG = 8.0086W LTER = 1. LGER = 2.  
AIR TEMP = -21.9 BAROM = 1020.4 WIND = 125.0 SPEED = 1.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	32.00	25.77	223.8	0.000	1436.9
3.0	-1.74	-1.74	32.00	25.77	223.7	0.007	1436.9
5.0	-1.74	-1.74	32.01	25.77	223.6	0.011	1437.0
10.0	-1.75	-1.75	32.01	25.77	223.1	0.023	1437.0
15.0	-1.77	-1.77	32.42	25.92	209.3	0.033	1437.3
20.0	-1.77	-1.77	32.46	26.14	191.2	0.043	1437.7
25.0	-1.77	-1.77	32.48	26.16	187.9	0.053	1437.8
30.0	-1.77	-1.77	32.48	26.16	186.4	0.062	1437.9
35.0	-1.77	-1.77	32.49	26.16	186.0	0.072	1438.0
40.0	-1.77	-1.77	32.49	26.16	185.8	0.081	1438.1
45.0	-1.77	-1.77	32.51	26.18	183.9	0.091	1438.2
50.0	-1.78	-1.78	32.55	26.21	181.5	0.109	1438.4
55.0	-1.78	-1.78	32.61	26.26	176.5	0.118	1438.6
60.0	-1.77	-1.77	32.79	26.37	166.3	0.127	1438.8
65.0	-1.77	-1.77	32.79	26.40	162.7	0.135	1439.0
70.0	-1.75	-1.75	33.28	26.80	153.9	0.151	1439.4
80.0	-1.65	-1.65	33.66	27.11	96.6	0.176	1440.6
90.0	-1.48	-1.48	33.90	27.46	77.7	0.185	1441.8
100.0	-1.44	-1.44	34.17	27.51	62.7	0.192	1443.2
110.0	-1.38	-1.38	34.27	27.59	50.4	0.203	1444.4
120.0	-1.26	-1.26	34.40	27.64	45.0	0.212	1444.6
130.0	-1.12	-1.12	34.52	27.73	36.9	0.216	1444.7
140.0	-0.99	-0.99	34.46	27.77	33.3	0.220	1444.8
150.0	-0.85	-0.85	34.56	27.80	30.8	0.223	1444.9
160.0	-0.56	-0.56	34.64	27.85	25.9	0.229	1445.0
170.0	-0.44	-0.44	34.71	27.89	22.3	0.231	1445.1
180.0	-0.29	-0.29	34.81	27.95	16.8	0.241	1445.4
190.0	-0.18	-0.18	34.84	27.97	15.1	0.243	1445.5
200.0	-0.03	-0.03	34.86	27.98	14.2	0.246	1445.6
210.0	0.10	0.10	34.86	27.98	14.5	0.249	1445.7
220.0	0.24	0.24	34.86	27.98	14.5	0.250	1445.7
230.0	0.30	0.30	34.86	27.98	14.5	0.250	1445.7
240.0	0.32	0.32	34.86	27.98	14.5	0.250	1445.7
250.0	0.37	0.37	34.86	27.98	14.5	0.250	1445.7
260.0	0.46	0.46	34.86	27.98	14.5	0.250	1445.7
270.0	0.51	0.51	34.86	27.98	14.5	0.250	1445.7
280.0	0.55	0.55	34.86	27.98	14.5	0.250	1445.7
290.0	0.57	0.57	34.86	27.98	14.5	0.250	1445.7
300.0	0.57	0.57	34.86	27.98	14.5	0.250	1445.7
310.0	0.57	0.57	34.86	27.98	14.5	0.250	1445.7
320.0	0.57	0.57	34.86	27.98	14.5	0.250	1445.7
325.0	0.57	0.57	34.86	27.98	14.5	0.250	1445.7

FRAM 1 STATION 55(1) CTD 25/APR/1979 1430 GMT CODE = 1  
LAT = 84.2926N LNG = 8.018W LTER = 0. LGER = 0.  
AIR TEMP = -22.0 BAROM = 1020.5 WIND = 124.0 SPEED = 0.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	32.00	25.77	223.5	0.000	1436.9
3.1	-1.74	-1.74	32.00	25.77	223.4	0.007	1436.9
5.0	-1.74	-1.74	32.01	25.77	223.2	0.011	1437.0
10.0	-1.74	-1.74	32.02	25.79	221.9	0.022	1437.1
15.0	-1.76	-1.76	32.41	25.93	208.0	0.033	1437.3
20.0	-1.77	-1.77	32.46	26.10	192.1	0.043	1437.7
25.0	-1.77	-1.77	32.47	26.14	188.2	0.053	1437.8
30.0	-1.77	-1.77	32.47	26.15	187.4	0.062	1437.9
35.0	-1.77	-1.77	32.48	26.15	187.4	0.072	1438.0
40.0	-1.77	-1.77	32.49	26.16	185.6	0.081	1438.1
45.0	-1.77	-1.77	32.51	26.18	183.9	0.091	1438.2
50.0	-1.78	-1.78	32.54	26.21	181.5	0.109	1438.4
55.0	-1.77	-1.77	32.59	26.25	177.5	0.118	1438.6
60.0	-1.76	-1.76	32.78	26.33	170.1	0.127	1438.8
65.0	-1.73	-1.73	33.29	26.52	151.4	0.135	1439.0
70.0	-1.56	-1.56	33.64	27.07	97.7	0.151	1440.6
80.0	-1.50	-1.50	33.86	27.27	80.8	0.176	1441.8
90.0	-1.46	-1.46	34.07	27.44	64.5	0.185	1443.2
100.0	-1.38	-1.38	34.18	27.53	56.2	0.192	1444.4
110.0	-1.23	-1.23	34.28	27.60	49.4	0.203	1444.6
120.0	-1.12	-1.12	34.41	27.70	44.1	0.212	1444.8
130.0	-0.98	-0.98	34.46	27.73	36.9	0.216	1444.9
140.0	-0.86	-0.86	34.52	27.77	33.3	0.220	1445.0
150.0	-0.56	-0.56	34.60	27.80	28.4	0.223	1445.1
160.0	-0.44	-0.44	34.64	27.82	25.9	0.229	1445.2
170.0	-0.28	-0.28	34.66	27.87	24.4	0.232	1445.3
180.0	-0.19	-0.19	34.66	27.87	24.4	0.232	1445.3
190.0	0.19	0.19	34.66	27.87	24.4	0.232	1445.3
200.0	0.28	0.28	34.66	27.87	24.4	0.232	1445.3
210.0	0.44	0.44	34.66	27.87	24.4	0.232	1445.3
220.0	0.56	0.56	34.66	27.87	24.4	0.232	1445.3



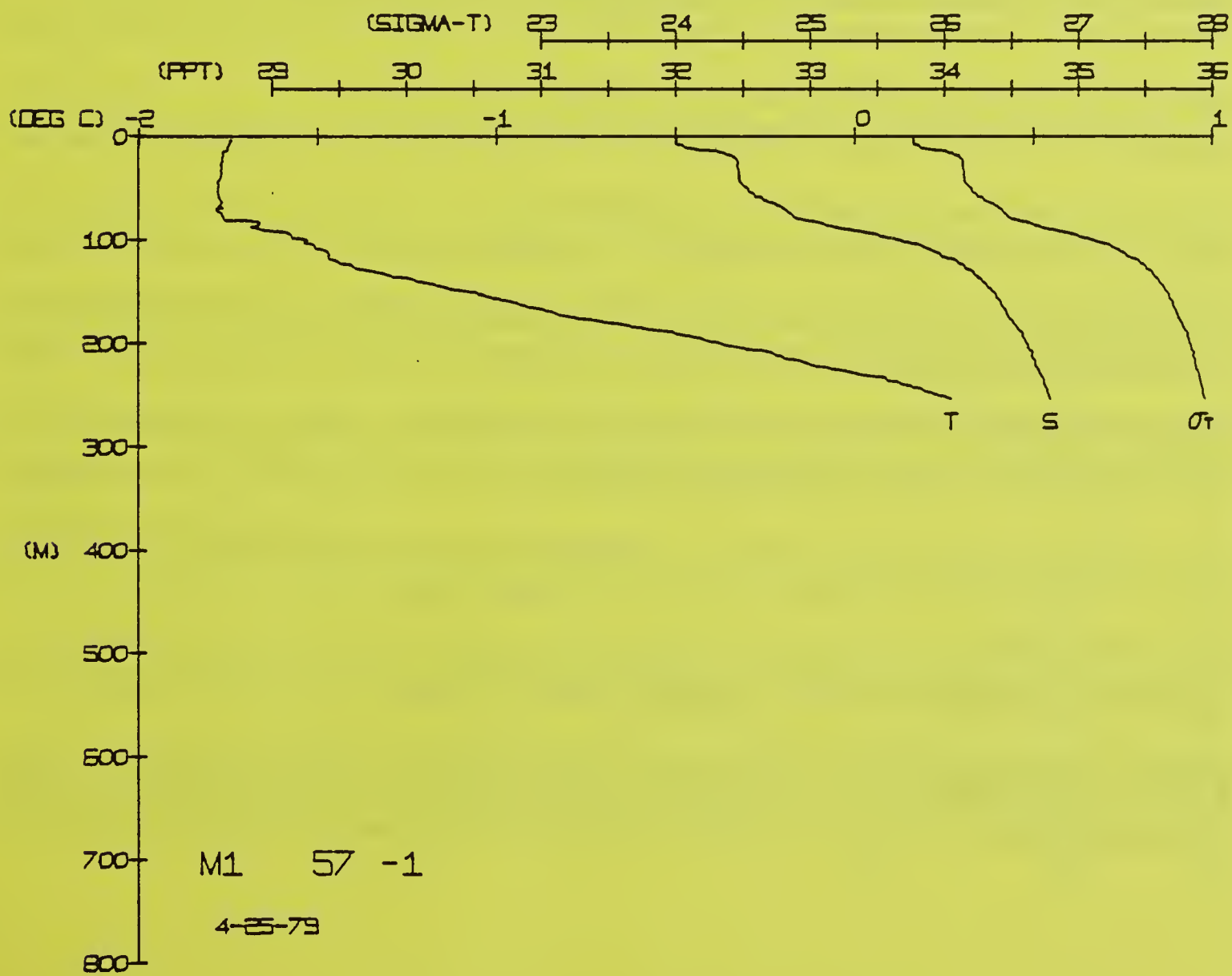
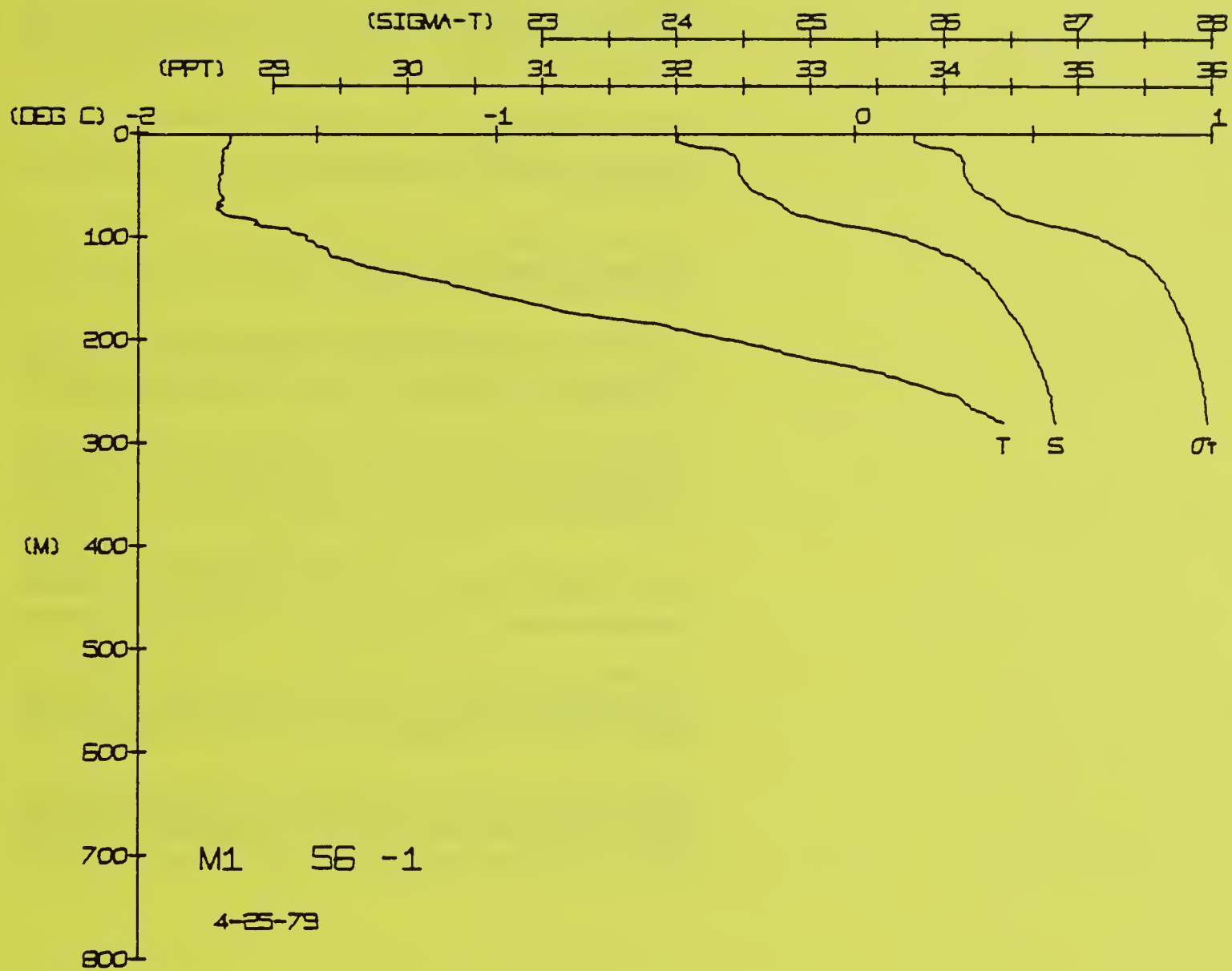


FRAM 1 STATION 56(1) CTD 25/APR/1979 1605 GMT CODE = 1  
LAT = 84.2946N LNG = 8.0132W LTER = 13. LGER = 37.  
AIR TEMP = -22.0 BAROM = 1020.5 WIND = 124.0 SPEED = 0.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	32.01	25.77	223.0	0.000	1436.9
3.0	-1.74	-1.74	32.01	25.77	223.0	0.007	1436.9
5.0	-1.74	-1.74	32.01	25.77	223.0	0.011	1437.0
10.0	-1.75	-1.75	32.04	25.80	220.5	0.022	1437.1
15.0	-1.76	-1.76	32.28	25.99	201.9	0.033	1437.4
20.0	-1.76	-1.76	32.40	26.09	193.0	0.043	1437.7
25.0	-1.77	-1.77	32.45	26.13	189.0	0.053	1437.8
30.0	-1.77	-1.77	32.46	26.14	187.9	0.062	1437.9
35.0	-1.77	-1.77	32.47	26.15	187.6	0.072	1438.0
40.0	-1.77	-1.77	32.47	26.15	187.2	0.081	1438.1
45.0	-1.77	-1.77	32.49	26.16	185.9	0.090	1438.2
50.0	-1.78	-1.78	32.52	26.19	183.0	0.100	1438.3
55.0	-1.78	-1.78	32.55	26.21	180.7	0.109	1438.4
60.0	-1.77	-1.77	32.63	26.28	174.9	0.118	1438.6
65.0	-1.77	-1.77	32.72	26.35	167.6	0.126	1438.8
70.0	-1.77	-1.78	32.78	26.40	162.8	0.135	1439.0
80.0	-1.76	-1.76	32.91	26.50	153.3	0.151	1439.4
90.0	-1.67	-1.67	33.23	26.76	128.6	0.176	1440.5
100.0	-1.53	-1.53	33.65	27.10	80.0	0.185	1441.9
110.0	-1.50	-1.50	33.87	27.27	65.9	0.192	1443.1
120.0	-1.46	-1.47	34.05	27.42	55.6	0.199	1443.9
130.0	-1.37	-1.38	34.19	27.53	49.1	0.204	1444.8
140.0	-1.23	-1.24	34.28	27.60	44.3	0.209	1445.7
150.0	-1.10	-1.10	34.35	27.65	40.3	0.213	1446.5
160.0	-0.98	-0.99	34.41	27.69	36.8	0.217	1447.3
170.0	-0.85	-0.86	34.46	27.73	33.2	0.220	1448.3
180.0	-0.70	-0.71	34.52	27.77	29.4	0.223	1449.4
190.0	-0.51	-0.52	34.58	27.81	25.4	0.226	1450.2
200.0	-0.38	-0.39	34.65	27.86	21.2	0.231	1451.8
210.0	-0.25	-0.26	34.68	27.89	17.3	0.234	1452.7
220.0	-0.13	-0.14	34.72	27.90	13.2	0.236	1453.4
230.0	0.01	0.00	34.74	27.91	9.3	0.238	1454.0
240.0	0.13	0.12	34.77	27.93	5.4	0.241	1454.9
250.0	0.22	0.21	34.80	27.95	1.6	0.243	1455.4
260.0	0.30	0.29	34.81	27.96	0.7	0.243	1455.4
270.0	0.34	0.33	34.82	27.96	0.7	0.243	1455.4
280.0	0.40	0.39	34.82	27.96	0.7	0.243	1455.4

FRAM 1 STATION 57(1) CTD 25/APR/1979 1648 GMT CODE = 1  
LAT = 84.2943N LNG = 8.0107W LTER = 6. LGER = 16.  
AIR TEMP = -21.7 BAROM = 1020.6 WIND = 51.0 SPEED = 0.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	32.01	25.78	222.7	0.000	1436.9
3.0	-1.74	-1.74	32.01	25.78	222.7	0.007	1436.9
5.0	-1.74	-1.74	32.01	25.78	222.7	0.011	1437.0
10.0	-1.75	-1.75	32.05	25.81	219.6	0.022	1437.1
15.0	-1.76	-1.76	32.30	26.01	200.4	0.033	1437.5
20.0	-1.76	-1.76	32.42	26.11	191.2	0.043	1437.7
25.0	-1.76	-1.76	32.46	26.14	189.5	0.052	1437.8
30.0	-1.77	-1.77	32.46	26.15	187.5	0.062	1437.9
35.0	-1.77	-1.77	32.47	26.15	187.0	0.071	1438.0
40.0	-1.77	-1.77	32.47	26.15	186.1	0.081	1438.1
45.0	-1.78	-1.78	32.49	26.16	183.3	0.090	1438.2
50.0	-1.78	-1.78	32.52	26.19	180.7	0.099	1438.3
55.0	-1.77	-1.77	32.56	26.22	174.9	0.109	1438.4
60.0	-1.77	-1.77	32.64	26.28	168.9	0.118	1438.6
65.0	-1.76	-1.77	32.71	26.34	162.3	0.126	1438.8
70.0	-1.76	-1.77	32.79	26.41	153.4	0.135	1439.0
80.0	-1.76	-1.76	32.91	26.50	127.7	0.150	1439.4
90.0	-1.66	-1.66	33.23	26.76	97.8	0.176	1440.5
100.0	-1.53	-1.53	33.64	27.09	77.9	0.185	1441.9
110.0	-1.49	-1.49	33.90	27.30	64.5	0.192	1443.1
120.0	-1.46	-1.46	34.07	27.44	55.6	0.199	1443.9
130.0	-1.36	-1.37	34.19	27.53	49.1	0.204	1444.8
140.0	-1.23	-1.23	34.28	27.60	44.3	0.209	1445.7
150.0	-1.10	-1.10	34.35	27.65	40.3	0.213	1446.5
160.0	-0.97	-0.98	34.42	27.70	36.8	0.217	1447.3
170.0	-0.85	-0.86	34.46	27.73	33.2	0.220	1448.3
180.0	-0.70	-0.70	34.51	27.77	29.4	0.223	1449.4
190.0	-0.51	-0.52	34.58	27.81	25.4	0.226	1450.2
200.0	-0.39	-0.39	34.65	27.86	21.2	0.231	1451.8
210.0	-0.25	-0.26	34.68	27.89	17.3	0.234	1452.7
220.0	-0.13	-0.14	34.72	27.90	13.2	0.236	1453.4
230.0	0.00	0.01	34.74	27.91	9.3	0.238	1454.0
240.0	0.13	0.12	34.77	27.93	5.4	0.241	1454.9
250.0	0.22	0.21	34.80	27.95	1.6	0.243	1455.4
254.7	0.28	0.27	34.79	27.94	0.7	0.243	1455.4





FRAM 1 STATION 59(1) CTD 25/APR/1979 1734 GMT CODE = 1  
LAT = 84.2918N LNG = 8.0075W LTER = 0. LGER = 0.  
AIR TEMP = -21.7 BAROM = 1020.6 WIND = 51.0 SPEED = 0.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	32.01	25.77	223.0	0.000	1436.9
3.1	-1.74	-1.74	32.01	25.77	223.0	0.007	1436.9
5.0	-1.74	-1.74	32.01	25.77	223.0	0.011	1437.0
10.0	-1.75	-1.75	32.07	25.82	221.4	0.022	1437.1
15.0	-1.76	-1.76	32.29	26.00	201.1	0.033	1437.4
20.0	-1.76	-1.76	32.42	26.13	191.9	0.043	1437.7
25.0	-1.76	-1.76	32.45	26.10	188.9	0.052	1437.8
30.0	-1.77	-1.77	32.46	26.14	188.2	0.062	1437.9
35.0	-1.77	-1.77	32.47	26.15	187.4	0.071	1438.0
40.0	-1.77	-1.77	32.48	26.15	187.4	0.081	1438.1
45.0	-1.77	-1.77	32.50	26.18	186.8	0.090	1438.2
50.0	-1.77	-1.77	32.55	26.21	184.5	0.100	1438.3
55.0	-1.78	-1.78	32.61	26.26	181.0	0.109	1438.4
60.0	-1.77	-1.77	32.79	26.35	176.0	0.118	1438.6
65.0	-1.76	-1.76	32.79	26.40	167.7	0.125	1438.9
70.0	-1.75	-1.75	32.92	26.51	152.6	0.135	1439.1
80.0	-1.75	-1.75	33.21	27.06	130.5	0.151	1440.5
90.0	-1.66	-1.66	33.61	27.30	99.9	0.175	1442.7
100.0	-1.55	-1.55	33.90	27.43	78.0	0.185	1444.1
110.0	-1.48	-1.48	34.07	27.53	65.0	0.193	1444.3
120.0	-1.46	-1.46	34.19	27.59	55.8	0.199	1444.3
130.0	-1.37	-1.37	34.27	27.65	50.0	0.204	1444.5
140.0	-1.25	-1.25	34.35	27.73	44.0	0.213	1444.6
150.0	-1.13	-1.13	34.41	27.76	36.9	0.217	1444.7
160.0	-0.98	-0.98	34.46	27.80	30.0	0.221	1444.8
170.0	-0.86	-0.86	34.51	27.83	25.2	0.224	1444.9
180.0	-0.72	-0.72	34.57	27.86	21.4	0.227	1445.0
190.0	-0.55	-0.55	34.61	27.88	19.4	0.232	1445.1
200.0	-0.39	-0.39	34.68	27.90	18.5	0.234	1445.3
210.0	-0.24	-0.24	34.72	27.92	18.1	0.236	1445.3
220.0	-0.13	-0.13	34.75	27.93	18.0	0.237	1445.3
230.0	0.00	0.00	34.77	27.93	18.0	0.237	1445.3
240.0	0.13	0.13	34.77	27.93	18.0	0.237	1445.3
245.0	0.18	0.18	34.77	27.93	18.0	0.237	1445.3

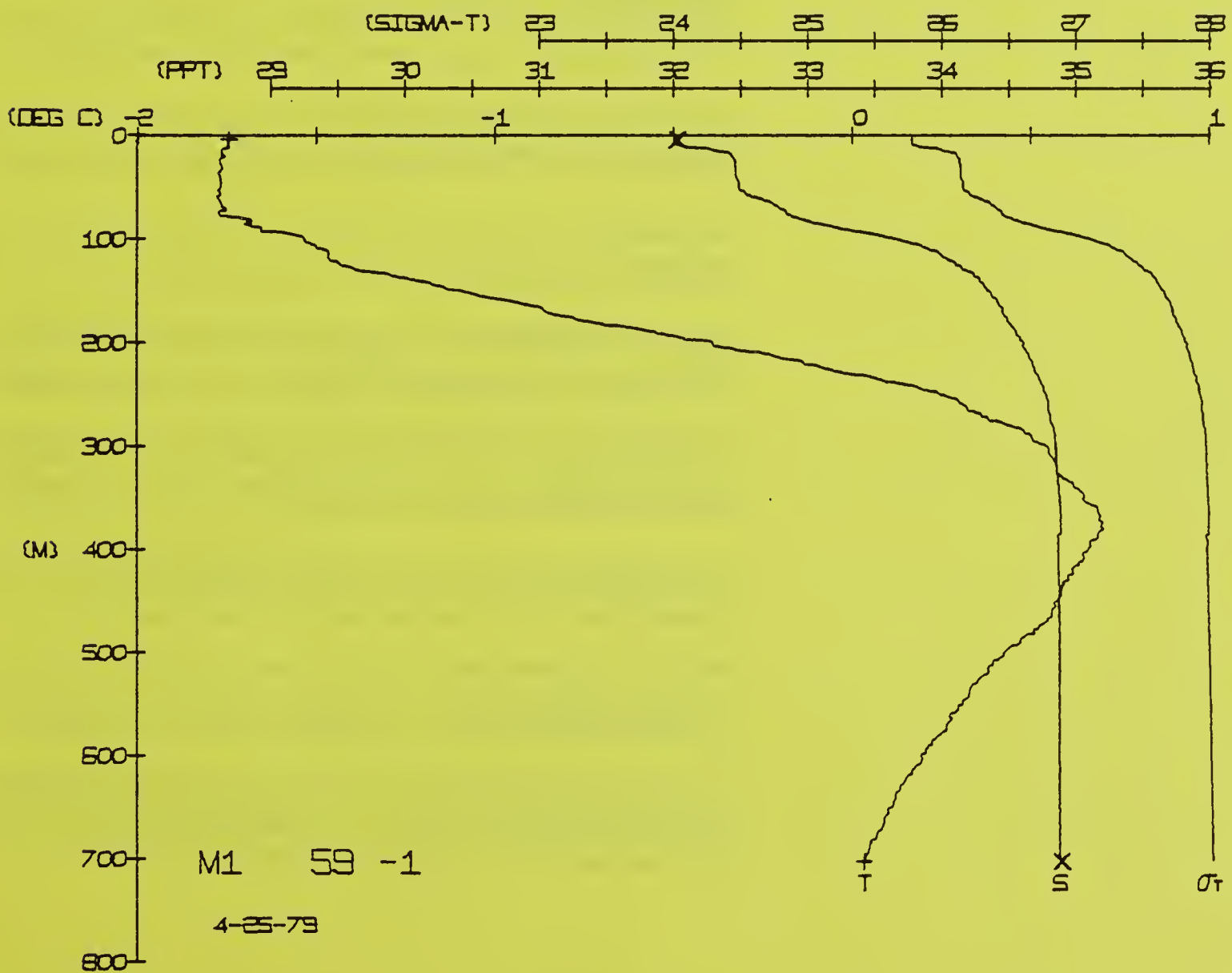
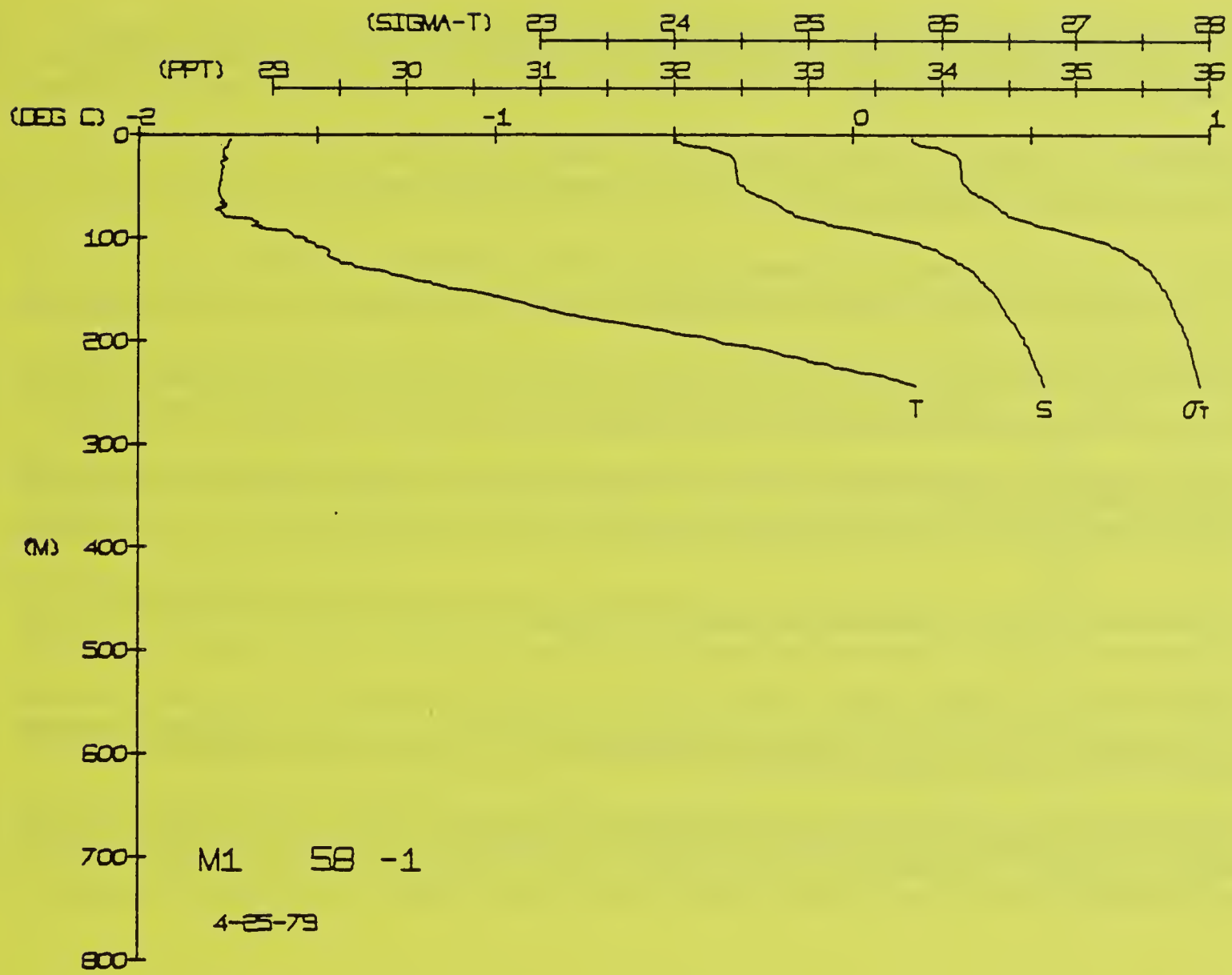
FRAM 1 STATION 59(1) CTD 25/APR/1979 1858 GMT CODE = 1  
LAT = 84.2850N LNG = 8.0040W LTER = 1. LGER = 1.  
AIR TEMP = -22.0 BAROM = 1020.8 WIND = 50.0 SPEED = 2.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	32.02	25.78	222.2	0.000	1436.9
3.0	-1.74	-1.74	32.02	25.78	222.2	0.007	1436.9
5.0	-1.75	-1.75	32.04	25.80	222.0	0.011	1437.0
10.0	-1.74	-1.74	32.31	26.02	200.0	0.022	1437.1
15.0	-1.76	-1.76	32.44	26.12	189.9	0.033	1437.4
20.0	-1.76	-1.76	32.46	26.14	188.3	0.043	1437.7
25.0	-1.77	-1.77	32.47	26.15	187.4	0.052	1437.8
30.0	-1.77	-1.77	32.47	26.15	187.4	0.062	1437.9
35.0	-1.77	-1.77	32.48	26.16	186.1	0.071	1438.0
40.0	-1.76	-1.77	32.49	26.16	185.6	0.081	1438.1
45.0	-1.77	-1.77	32.53	26.20	182.5	0.090	1438.2
50.0	-1.77	-1.77	32.61	26.26	176.0	0.100	1438.3
55.0	-1.78	-1.78	32.73	26.35	162.2	0.109	1438.4
60.0	-1.77	-1.77	32.79	26.40	152.6	0.118	1438.6
65.0	-1.76	-1.76	32.92	26.51	129.9	0.125	1438.9
70.0	-1.71	-1.71	33.21	27.09	97.7	0.135	1440.5
80.0	-1.65	-1.65	33.64	27.30	77.0	0.151	1442.7
90.0	-1.54	-1.54	33.90	27.42	57.7	0.175	1444.1
100.0	-1.48	-1.48	34.05	27.49	44.0	0.185	1444.3
110.0	-1.46	-1.46	34.17	27.51	37.0	0.193	1444.3
120.0	-1.39	-1.39	34.25	27.51	30.0	0.199	1444.3
130.0	-1.23	-1.23	34.35	27.60	24.8	0.204	1444.5
140.0	-1.11	-1.11	34.41	27.70	20.9	0.213	1444.6
150.0	-0.97	-0.97	34.46	27.73	17.0	0.217	1444.7
160.0	-0.86	-0.86	34.50	27.76	14.4	0.221	1444.8
170.0	-0.74	-0.74	34.56	27.80	12.5	0.224	1444.9
180.0	-0.56	-0.56	34.64	27.85	10.9	0.227	1445.0
190.0	-0.39	-0.39	34.74	27.91	9.4	0.229	1445.1
200.0	-0.26	-0.26	34.81	27.95	8.1	0.232	1445.2
210.0	-0.14	-0.14	34.85	27.98	7.0	0.234	1445.3
220.0	0.02	0.02	34.87	27.99	6.1	0.236	1445.3
230.0	0.12	0.12	34.87	27.99	5.4	0.237	1445.3
240.0	0.24	0.24	34.85	27.98	4.4	0.240	1445.4
250.0	0.31	0.31	34.83	27.96	3.6	0.243	1445.5
260.0	0.43	0.43	34.85	27.98	2.7	0.245	1445.6
270.0	0.50	0.50	34.85	27.98	2.0	0.246	1445.6
280.0	0.54	0.54	34.85	27.98	1.4	0.248	1445.6
290.0	0.57	0.57	34.86	27.99	1.0	0.249	1445.7
300.0	0.59	0.59	34.87	27.99	0.8	0.251	1445.7
310.0	0.62	0.62	34.87	27.99	0.6	0.252	1445.7
320.0	0.65	0.65	34.87	27.99	0.5	0.253	1445.8
330.0	0.68	0.68	34.87	27.99	0.4	0.255	1445.8
340.0	0.65	0.65	34.87	27.99	0.3	0.256	1445.8
350.0	0.65	0.65	34.87	27.99	0.2	0.257	1445.8
360.0	0.65	0.65	34.87	27.99	0.1	0.258	1445.8
370.0	0.65	0.65	34.87	27.99	0.1	0.259	1445.8
380.0	0.65	0.65	34.87	27.99	0.1	0.260	1445.8
390.0	0.65	0.65	34.87	27.99	0.1	0.261	1445.8
400.0	0.65	0.65	34.87	27.99	0.1	0.262	1445.8
410.0	0.65	0.65	34.87	27.99	0.1	0.263	1445.8
420.0	0.65	0.65	34.87	27.99	0.1	0.264	1445.8
430.0	0.65	0.65	34.87	27.99	0.1	0.265	1445.8
440.0	0.65	0.65	34.87	27.99	0.1	0.266	1445.8
450.0	0.65	0.65	34.87	27.99	0.1	0.267	1445.8
460.0	0.65	0.65	34.87	27.99	0.1	0.268	1445.8
470.0	0.65	0.65	34.87	27.99	0.1	0.269	1445.8
480.0	0.65	0.65	34.87	27.99	0.1	0.270	1445.8
490.0	0.65	0.65	34.87	27.99	0.1	0.271	1445.8
500.0	0.65	0.65	34.87	27.99	0.1	0.272	1445.8
510.0	0.65	0.65	34.87	27.99	0.1	0.273	1445.8
520.0	0.65	0.65	34.87	27.99	0.1	0.274	1445.8
530.0	0.65	0.65	34.87	27.99	0.1	0.275	1445.8
540.0	0.65	0.65	34.87	27.99	0.1	0.276	1445.8
550.0	0.65	0.65	34.87	27.99	0.1	0.277	1445.8
560.0	0.65	0.65	34.87	27.99	0.1	0.278	1445.8
570.0	0.65	0.65	34.87	27.99	0.1	0.279	1445.8
580.0	0.65	0.65	34.87	27.99	0.1	0.280	1445.8
590.0	0.65	0.65	34.87	27.99	0.1	0.281	1445.8
600.0	0.65	0.65	34.87	27.99	0.1	0.282	1445.8
610.0	0.65	0.65	34.87	27.99	0.1	0.283	1445.8
620.0	0.65	0.65	34.87	27.99	0.1	0.284	1445.8
630.0	0.65	0.65	34.87	27.99	0.1	0.285	1445.8
640.0	0.65	0.65	34.87	27.99	0.1	0.286	1445.8
650.0	0.65	0.65	34.87	27.99	0.1	0.287	1445.8
660.0	0.65	0.65	34.87	27.99	0.1	0.288	1445.8
670.0	0.65	0.65	34.87	27.99	0.1	0.289	1445.8
680.0	0.65	0.65	34.87	27.99	0.1	0.290	1445.8
690.0	0.65	0.65	34.87	27.99	0.1	0.291	1445.8

DEPTH TEMP SALIN

BOT NUM = 1 703.3 32.02 34.90





FRAM 1 STATION 60(1) CTD 26/APR/1979 705 GMT CODE = 1  
LAT = 84.2884N LNG = 7.9756W LTER = 1.0  
AIR TEMP = -22.0 BAROM = 1020.1 WIND = 50.0 SPEED = 2.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	32.07	25.82	218.3	0.000	1437.0
0.2	-1.74	-1.74	32.07	25.82	218.3	0.007	1437.0
3.0	-1.74	-1.74	32.07	25.82	218.3	0.011	1437.0
5.0	-1.75	-1.75	32.14	25.88	218.4	0.022	1437.2
10.0	-1.76	-1.76	32.31	26.02	200.0	0.032	1437.5
15.0	-1.76	-1.76	32.44	26.11	191.0	0.042	1437.7
20.0	-1.77	-1.77	32.44	26.13	189.0	0.052	1437.8
25.0	-1.77	-1.77	32.45	26.13	188.7	0.061	1437.9
30.0	-1.77	-1.77	32.46	26.14	188.7	0.071	1438.0
35.0	-1.76	-1.76	32.46	26.14	188.7	0.080	1438.1
40.0	-1.76	-1.76	32.45	26.14	188.7	0.090	1438.1
45.0	-1.77	-1.77	32.50	26.18	184.5	0.099	1438.3
50.0	-1.77	-1.77	32.56	26.22	180.1	0.108	1438.4
55.0	-1.77	-1.77	32.62	26.27	175.3	0.117	1438.6
60.0	-1.77	-1.77	32.69	26.33	169.9	0.126	1438.7
65.0	-1.78	-1.78	32.75	26.38	165.2	0.134	1438.7
70.0	-1.70	-1.70	32.91	26.50	153.4	0.150	1439.7
80.0	-1.66	-1.66	33.26	26.78	126.6	0.164	1440.5
90.0	-1.54	-1.54	33.57	27.04	102.2	0.176	1441.7
100.0	-1.51	-1.51	33.85	27.26	81.0	0.185	1442.4
110.0	-1.46	-1.46	34.02	27.40	68.0	0.199	1443.0
120.0	-1.41	-1.41	34.13	27.58	51.0	0.205	1444.7
130.0	-1.24	-1.25	34.25	27.64	45.0	0.210	1445.5
140.0	-1.13	-1.13	34.34	27.72	41.0	0.214	1446.4
150.0	-1.00	-1.00	34.44	27.77	35.8	0.222	1448.1
160.0	-0.86	-0.86	34.48	27.77	32.9	0.225	1448.9
170.0	-0.73	-0.74	34.53	27.81	27.7	0.229	1449.8
180.0	-0.59	-0.60	34.58	27.83	23.5	0.232	1450.1
190.0	-0.46	-0.47	34.65	27.85	21.7	0.237	1451.4
200.0	-0.29	-0.30	34.72	27.88	21.0	0.239	1452.3
210.0	-0.17	-0.17	34.81	27.93	21.0	0.241	1454.1
220.0	-0.03	-0.04	34.83	27.96	21.0	0.243	1454.4
230.0	0.10	0.09	34.76	27.90	21.0	0.247	1455.5
240.0	0.24	0.23	34.84	27.97	21.0	0.250	1456.6
250.0	0.30	0.29	34.85	27.97	21.0	0.252	1457.4
260.0	0.34	0.33	34.86	27.98	21.0	0.255	1457.7
270.0	0.41	0.40	34.87	27.99	21.0	0.258	1458.6
280.0	0.48	0.47	34.89	28.01	21.0	0.261	1458.7
290.0	0.51	0.50	34.89	28.01	21.0	0.263	1458.7
300.0	0.55	0.53	34.84	28.01	21.0	0.266	1458.7
310.0	0.57	0.56	34.84	28.01	21.0	0.268	1458.7
320.0	0.63	0.61	34.87	28.01	21.0	0.270	1459.1
330.0	0.68	0.66	34.90	28.02	21.0	0.273	1459.4
340.0	0.63	0.60	34.91	28.03	21.0	0.275	1459.7
350.0	0.58	0.56	34.90	28.03	21.0	0.277	1459.9
360.0	0.47	0.45	34.91	28.04	21.0	0.279	1459.9
370.0	0.41	0.39	34.90	28.04	21.0	0.281	1459.9
380.0	0.37	0.35	34.91	28.04	21.0	0.283	1459.9
390.0	0.31	0.29	34.90	28.04	21.0	0.284	1459.9
400.0	0.27	0.25	34.90	28.04	21.0	0.286	1460.1
410.0	0.23	0.20	34.91	28.04	21.0	0.288	1460.4
420.0	0.16	0.13	34.91	28.05	21.0	0.289	1460.4
430.0	0.12	0.10	34.91	28.05	21.0	0.291	1460.4
440.0	0.09	0.06	34.91	28.05	21.0	0.292	1460.4
450.0	0.05	0.02	34.91	28.05	21.0	0.293	1460.9
460.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
470.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
480.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
490.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
500.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
510.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
520.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
530.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
540.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
550.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
560.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
570.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
580.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
590.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9
600.0	0.00	0.00	34.91	28.05	21.0	0.293	1460.9

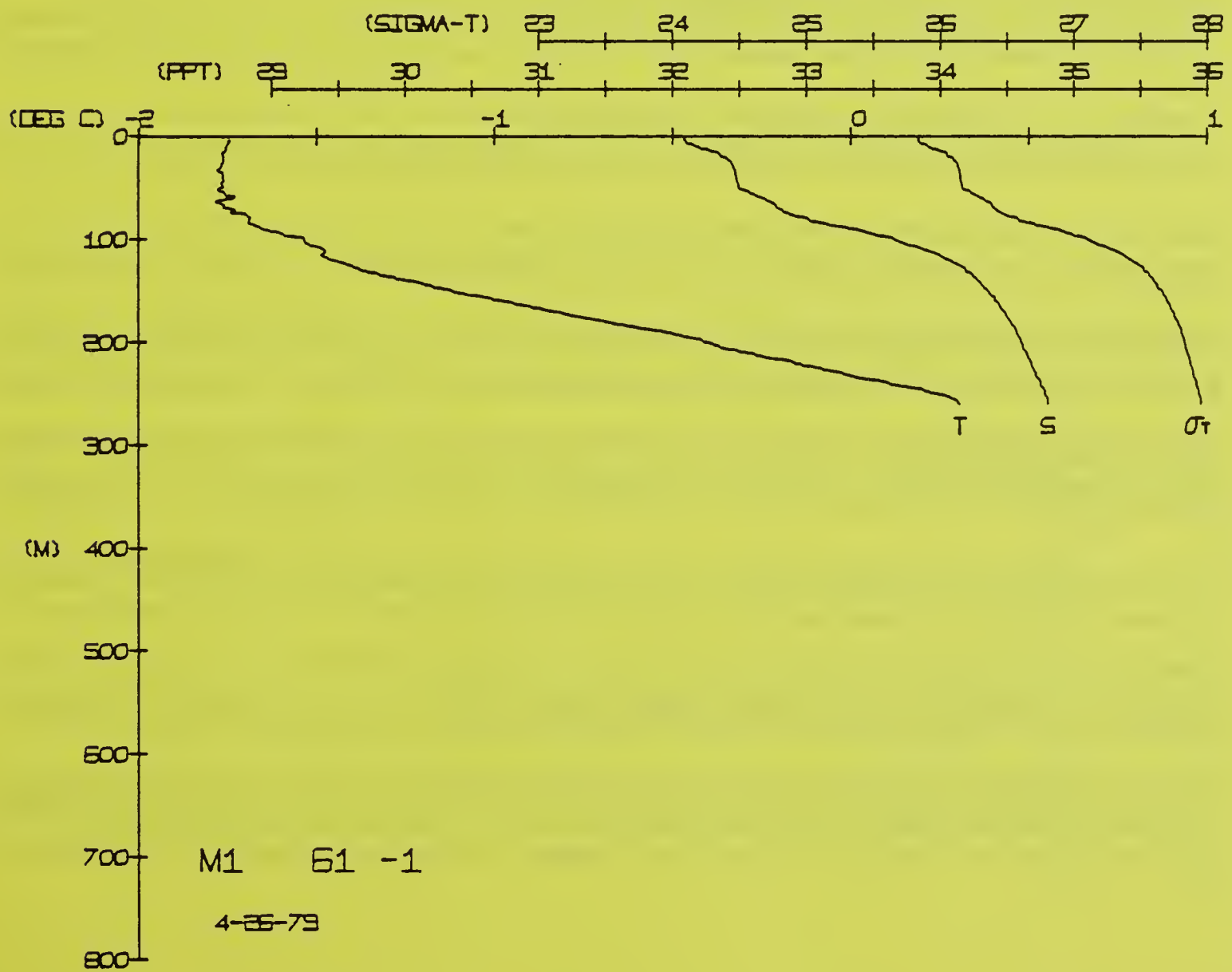
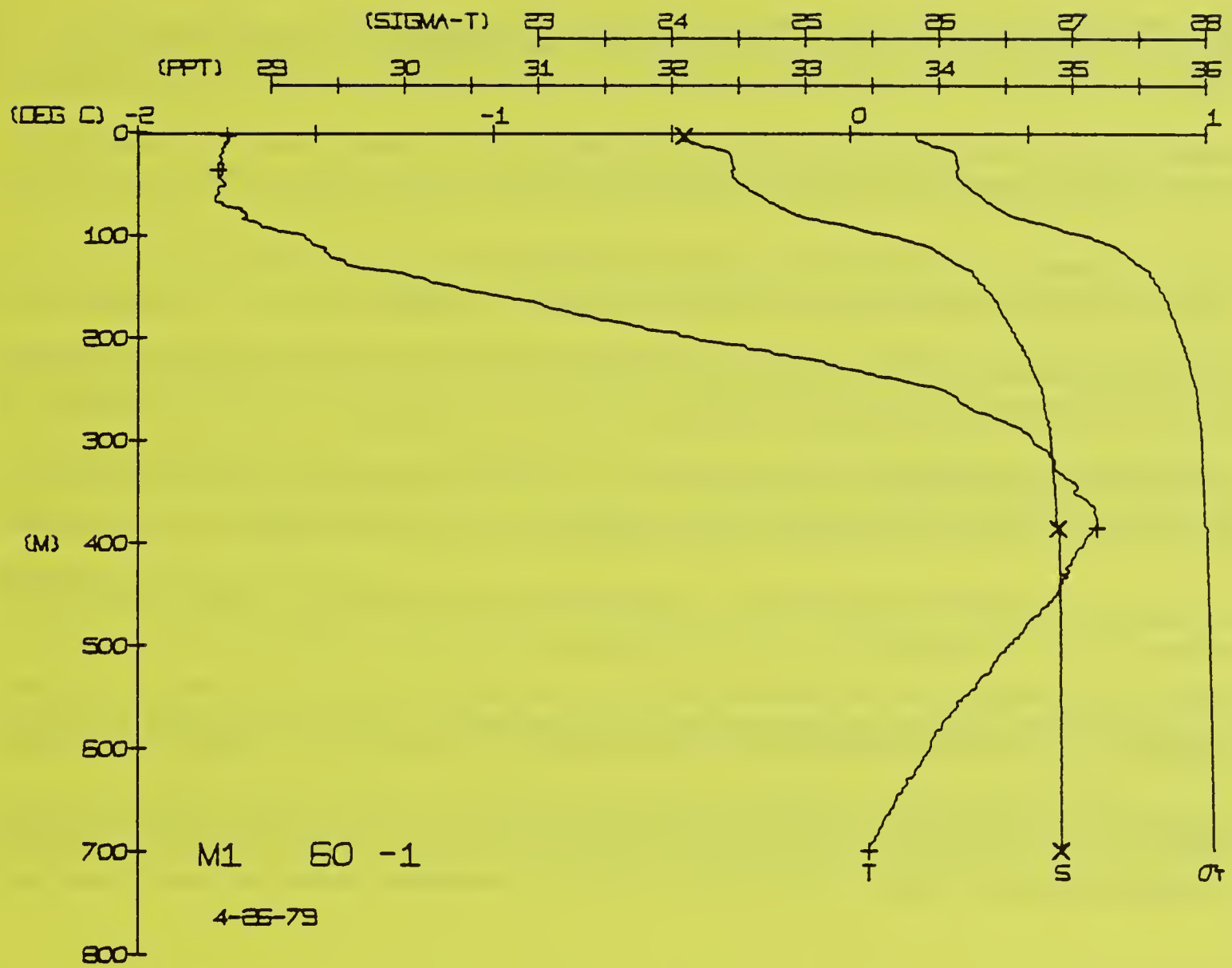
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BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
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-1.77  
0.69  
0.05  
32.08  
34.88  
34.90

FRAM 1 STATION 61(1) CTD 26/APR/1979 1337 GMT CODE = 1  
LAT = 84.2879N LNG = 7.9507W LTER = 1.0  
AIR TEMP = -21.3 BAROM = 1017.2 WIND = 130.0 SPEED = 2.1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	32.08	25.83	217.9	0.000	1437.0
0.1	-1.74	-1.74	32.08	25.83	217.9	0.007	1437.0
3.1	-1.74	-1.74	32.09	25.84	216.4	0.011	1437.1
5.0	-1.75	-1.75	32.17	25.90	210.7	0.022	1437.2
10.0	-1.76	-1.76	32.28	26.00	201.9	0.032	1437.4
15.0	-1.76	-1.76	32.38	26.07	194.7	0.042	1437.6
20.0	-1.76	-1.76	32.43	26.12	190.1	0.052	1437.8
25.0	-1.77	-1.77	32.46	26.14	188.4	0.061	1437.9
30.0	-1.77	-1.77	32.47	26.15	187.3	0.071	1438.0
35.0	-1.77	-1.77	32.48	26.15	186.6	0.080	1438.1
40.0	-1.76	-1.77	32.49	26.16	185.7	0.090	1438.2
45.0	-1.76	-1.77	32.49	26.17	185.4	0.099	1438.3
50.0	-1.76	-1.76	32.57	26.23	179.9	0.108	1438.5
55.0	-1.76	-1.76	32.65	26.29	173.5	0.117	1438.8
60.0	-1.73	-1.73	32.74	26.36	166.4	0.126	1438.8
65.0	-1.75	-1.75	32.78	26.40	162.9	0.134	1439.1
70.0	-1.69	-1.69	32.99	26.57	146.8	0.149	1439.9
80.0	-1.66	-1.66	33.30	26.82	123.3	0.163	1440.6
90.0	-1.54	-1.54	33.65	27.09	97.1	0.174	1441.8
100.0	-1.48	-1.48	33.87	27.27	80.0	0.183	1442.6
110.0	-1.46	-1.46	34.04	27.41	66.0	0.191	1443.1
120.0	-1.38	-1.38	34.18	27.53	56.0	0.197	1444.3
130.0	-1.26	-1.26	34.28	27.60	49.0	0.202	1444.7
140.0	-1.12	-1.13	34.35	27.65	44.1	0.207	1445.6
150.0	-0.99	-0.99	34.42	27.70	39.7	0.211	1446.5
160.0	-0.85	-0.85	34.47	27.74	36.0	0.215	1447.4
170.0	-0.70	-0.70	34.53	27.78	32.9	0.218	1448.3
180.0	-0.53	-0.54	34.57	27.81	27.7	0.221	1449.3
190.0	-0.41	-0.42	34.61	27.83	25.7	0.224	1450.1
200.0	-0.30	-0.31	34.69	27.85	23.4	0.227	1451.6
210.0	-0.16	-0.17	34.72	27.88	21.0	0.229	1452.3
220.0	0.03	0.04	34.75	27.92	21.0	0.232	1453.3
230.0	0.10	0.09	34.81	27.94	21.0	0.234	1454.1
240.0	0.23	0.22	34.84	27.95	21.0	0.236	1454.4
250.0	0.30	0.29	34.85	27.96	21.0	0.237	1454.6
260.0	0.34	0.33	34.86	27.96	21.0	0.237	1454.6

DEPTH TEMP SALIN





FRAM 1 STATION 62(1) CTD 26/APR/1979 1850 GMT CODE = 1  
LAT = 84.2880N LNG = 7.9830W LTER = 1. LGER = 2.  
AIR TEMP = -21.3 BAROM = 1014.2 WIND = 130.0 SPEED = 2.1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.75	-1.75	32.09	25.84	216.5	0.000	1437.0
0	-1.75	-1.75	32.09	25.84	216.5	0.007	1437.0
3	-1.75	-1.75	32.09	25.84	216.5	0.011	1437.1
5	-1.75	-1.75	32.19	25.92	209.1	0.032	1437.3
10	-1.76	-1.76	32.38	26.07	194.7	0.042	1437.5
15	-1.76	-1.76	32.41	26.10	192.2	0.051	1437.7
20	-1.76	-1.76	32.42	26.10	191.6	0.061	1437.8
25	-1.77	-1.77	32.43	26.12	189.0	0.070	1437.8
30	-1.77	-1.77	32.45	26.13	189.0	0.080	1437.8
35	-1.77	-1.77	32.46	26.14	188.1	0.089	1437.8
40	-1.77	-1.77	32.46	26.14	188.1	0.099	1437.8
45	-1.77	-1.77	32.50	26.17	185.1	0.108	1437.8
50	-1.76	-1.76	32.53	26.19	182.7	0.117	1437.5
55	-1.76	-1.76	32.58	26.24	178.4	0.125	1438.7
60	-1.76	-1.76	32.63	26.28	174.7	0.134	1438.7
65	-1.76	-1.76	32.71	26.34	168.7	0.149	1439.9
70	-1.76	-1.76	32.77	26.39	163.9	0.163	1439.9
80	-1.68	-1.68	33.29	26.76	148.4	0.175	1440.7
90	-1.55	-1.55	33.59	27.05	179.1	0.184	1441.5
100	-1.50	-1.50	33.88	27.28	179.1	0.191	1442.5
110	-1.44	-1.44	34.06	27.43	165.3	0.197	1443.8
120	-1.38	-1.38	34.27	27.52	155.4	0.203	1444.3
130	-1.32	-1.32	34.41	27.55	144.3	0.207	1444.5
140	-1.24	-1.24	34.35	27.65	144.3	0.212	1444.6
150	-1.12	-1.12	34.41	27.70	140.3	0.216	1444.7
160	-0.97	-0.97	34.47	27.74	136.3	0.219	1444.8
170	-0.83	-0.84	34.51	27.76	130.9	0.222	1444.9
180	-0.58	-0.58	34.55	27.80	128.9	0.225	1445.0
190	-0.43	-0.43	34.59	27.82	125.8	0.228	1445.0
200	-0.28	-0.29	34.64	27.85	123.3	0.231	1445.2
210	-0.10	-0.10	34.69	27.88	120.9	0.233	1445.3
220	-0.02	-0.03	34.74	27.91	118.4	0.237	1445.4
230	0.11	0.10	34.78	27.93	117.2	0.239	1445.4
240	0.23	0.22	34.80	27.95	117.1	0.241	1445.4
250	0.30	0.31	34.82	27.96	116.1	0.244	1445.6
260	0.32	0.39	34.84	27.97	114.7	0.245	1445.6
270	0.40	0.47	34.85	27.98	114.3	0.247	1445.6
280	0.52	0.51	34.86	27.98	114.1	0.248	1445.6
290	0.55	0.54	34.86	27.98	113.9	0.251	1445.7
300	0.57	0.56	34.86	27.98	113.6	0.252	1445.7
310	0.63	0.62	34.88	27.99	112.3	0.255	1445.8
320	0.67	0.67	34.89	28.00	112.3	0.257	1445.8
330	0.69	0.65	34.89	28.00	111.1	0.260	1445.8
340	0.64	0.62	34.89	28.01	111.1	0.262	1445.8
350	0.57	0.55	34.90	28.02	110.4	0.267	1445.9
360	0.47	0.44	34.90	28.02	110.4	0.271	1445.9
370	0.42	0.40	34.91	28.03	109.6	0.273	1445.9
380	0.37	0.30	34.91	28.03	109.6	0.275	1445.9
390	0.26	0.23	34.91	28.04	108.4	0.278	1446.0
400	0.21	0.19	34.91	28.04	108.4	0.280	1446.0
410	0.17	0.14	34.91	28.05	108.4	0.283	1446.0
420	0.13	0.10	34.91	28.05	108.4	0.285	1446.0
430	0.08	0.05	34.91	28.05	108.4	0.286	1446.0
440	0.06	0.03	34.93	28.07	108.4	0.287	1446.1

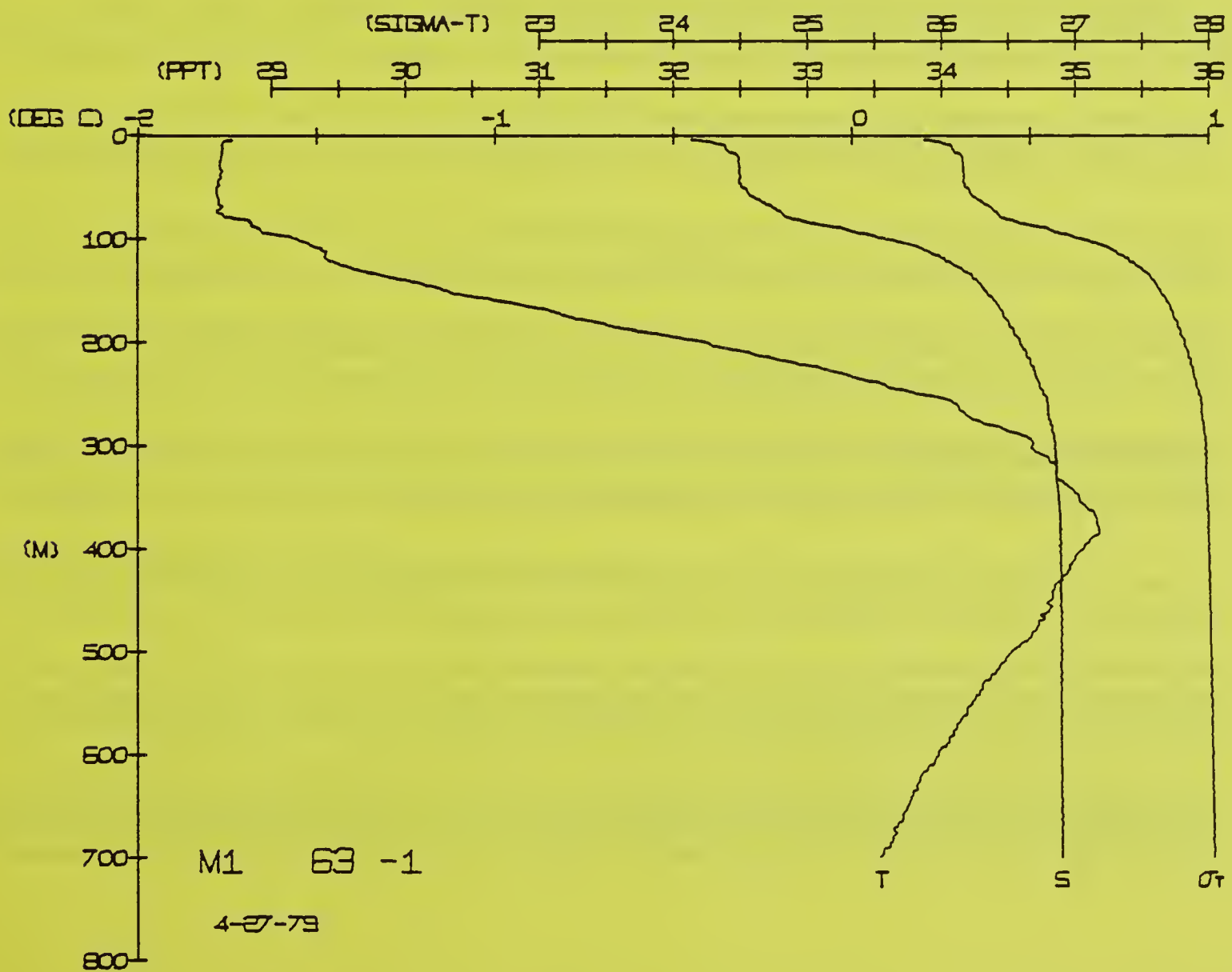
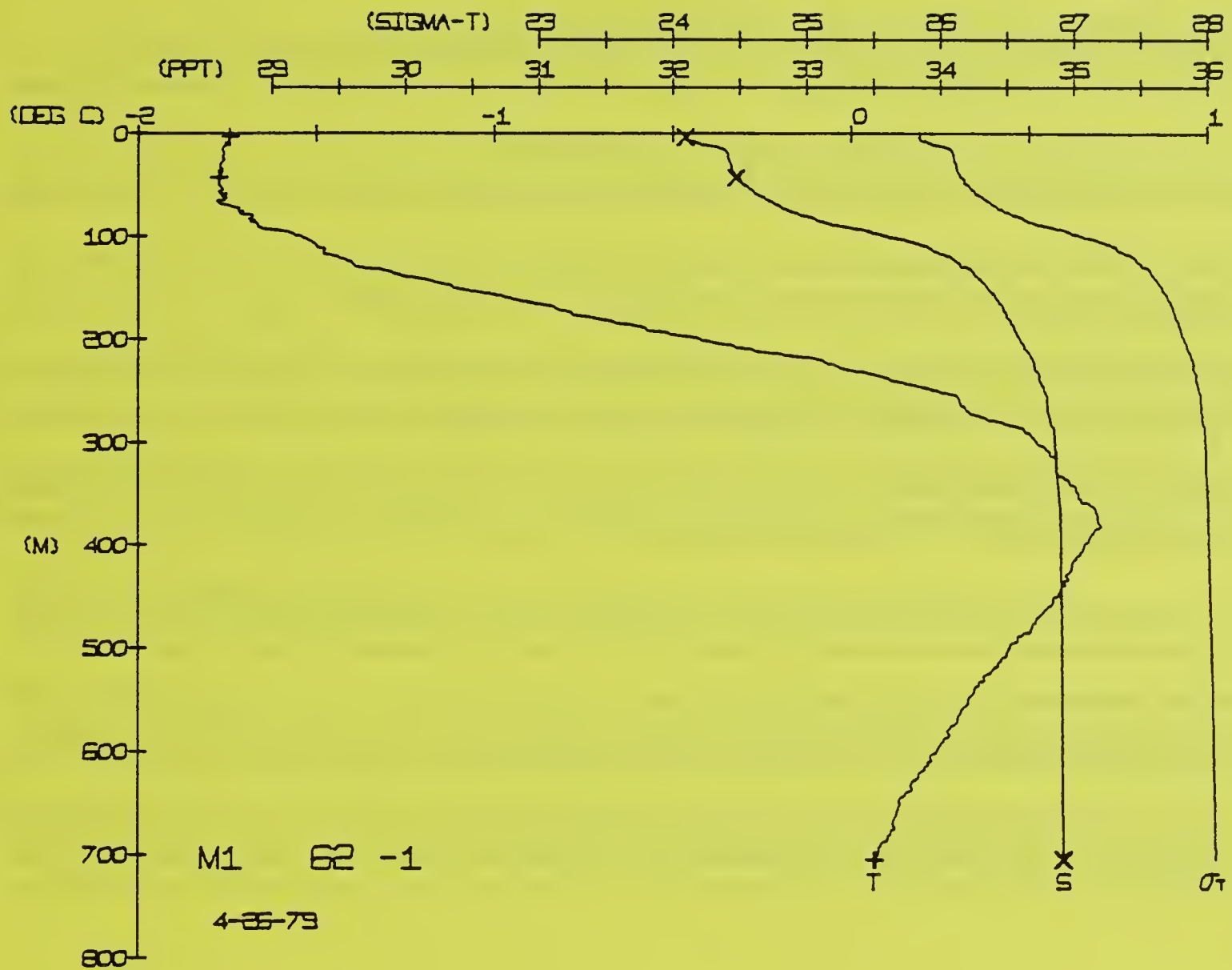
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BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
DEPT 3.4  
TEMP -1.75  
SALIN 32.08  
SOUND 1437.0

FRAM 1 STATION 63(1) CTD 27/APR/1979 759 GMT CODE = 1  
LAT = 84.2909N LNG = 8.0522W LTER = 1. LGER = 2.  
AIR TEMP = -20.5 BAROM = 1015.4 WIND = 76.0 SPEED = 3.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.74	-1.74	32.10	25.85	216.0	0.000	1437.0
3	-1.74	-1.74	32.17	25.90	210.9	0.007	1437.1
5	-1.74	-1.74	32.17	25.90	210.9	0.011	1437.2
10	-1.76	-1.76	32.33	26.08	194.2	0.021	1437.5
15	-1.76	-1.76	32.41	26.10	192.3	0.031	1437.6
20	-1.77	-1.77	32.49	26.16	186.4	0.040	1437.8
25	-1.77	-1.77	32.49	26.16	186.4	0.050	1437.8
30	-1.77	-1.77	32.50	26.17	185.0	0.058	1437.8
35	-1.77	-1.77	32.50	26.17	185.0	0.068	1437.8
40	-1.77	-1.77	32.50	26.17	185.0	0.078	1437.8
45	-1.77	-1.77	32.50	26.17	185.0	0.087	1437.8
50	-1.78	-1.78	32.56	26.22	183.5	0.095	1438.4
55	-1.78	-1.78	32.56	26.22	183.5	0.105	1438.4
60	-1.77	-1.77	32.61	26.26	177.6	0.114	1438.7
65	-1.77	-1.77	32.67	26.31	171.1	0.123	1438.7
70	-1.74	-1.74	32.74	26.37	165.8	0.132	1439.0
80	-1.66	-1.67	33.25	26.78	156.6	0.148	1440.4
90	-1.56	-1.56	33.57	27.03	181.2	0.162	1441.5
100	-1.48	-1.49	33.85	27.26	167.7	0.174	1442.5
110	-1.47	-1.47	34.03	27.40	157.7	0.183	1443.0
120	-1.38	-1.39	34.17	27.51	149.3	0.191	1443.8
130	-1.25	-1.25	34.27	27.59	144.3	0.197	1444.3
140	-1.14	-1.14	34.33	27.63	144.3	0.202	1444.5
150	-0.99	-1.00	34.40	27.69	140.3	0.207	1444.6
160	-0.84	-0.85	34.46	27.73	137.1	0.212	1444.7
170	-0.73	-0.73	34.51	27.76	133.9	0.216	1444.8
180	-0.59	-0.60	34.55	27.79	131.3	0.219	1444.9
190	-0.42	-0.42	34.60	27.82	128.9	0.222	1444.9
200	-0.29	-0.30	34.64	27.85	125.8	0.225	1445.0
210	-0.16	-0.17	34.67	27.87	123.3	0.228	1445.0
220	0.04	0.05	34.71	27.89	121.1	0.231	1445.1
230	0.18	0.17	34.76	27.92	119.3	0.233	1445.2
240	0.29	0.28	34.80	27.95	116.9	0.237	1445.3
250	0.32	0.31	34.82	27.96	116.8	0.239	1445.4
260	0.38	0.37	34.85	27.98	114.4	0.241	1445.4
270	0.51	0.49	34.86	27.98	114.4	0.244	1445.5
280	0.54	0.53	34.86	27.98	114.4	0.245	1445.5
290	0.61	0.61	34.87	27.99	113.6	0.247	1445.6
300	0.64	0.62	34.87	27.99	113.6	0.248	1445.6
310	0.67	0.65	34.89	28.00	112.3	0.251	1445.7
320	0.69	0.67	34.89	28.00	111.1	0.252	1445.7
330	0.64	0.62	34.89	28.01	111.1	0.255	1445.8
340	0.57	0.55	34.90	28.01	110.4	0.257	1445.8
350	0.47	0.44	34.90	28.02	110.4	0.260	1445.8
360	0.42	0.40	34.91	28.02	110.4	0.262	1445.8
370	0.37	0.34	34.91	28.03	109.6	0.267	1445.9
380	0.30	0.27	34.91	28.03	109.6	0.271	1445.9
390	0.23	0.20	34.91	28.04	108.4	0.273	1445.9
400	0.18	0.16	34.91	28.04	108.4	0.275	1445.9
410	0.13	0.10	34.91	28.05	108.4	0.277	1445.9
420	0.11	0.08	34.92	28.05	108.4	0.279	1446.0
430	0.08	0.05	34.92	28.05	108.4	0.281	1446.0
440	0.06	0.03	34.92	28.05	108.4	0.282	1446.0
450	0.05	0.02	34.92	28.05	108.4	0.284	1446.0
460	0.04	0.01	34.92	28.05	108.4	0.285	1446.0
470	0.03	0.00	34.92	28.05	108.4	0.287	1446.1
480	0.02	0.00	34.92	28.05	108.4	0.287	1446.1
490	0.01	0.00	34.92	28.05	108.4	0.287	1446.1
500	0.00	0.00	34.92	28.05	108.4	0.287	1446.1

DEPTH TEMP. SALIN





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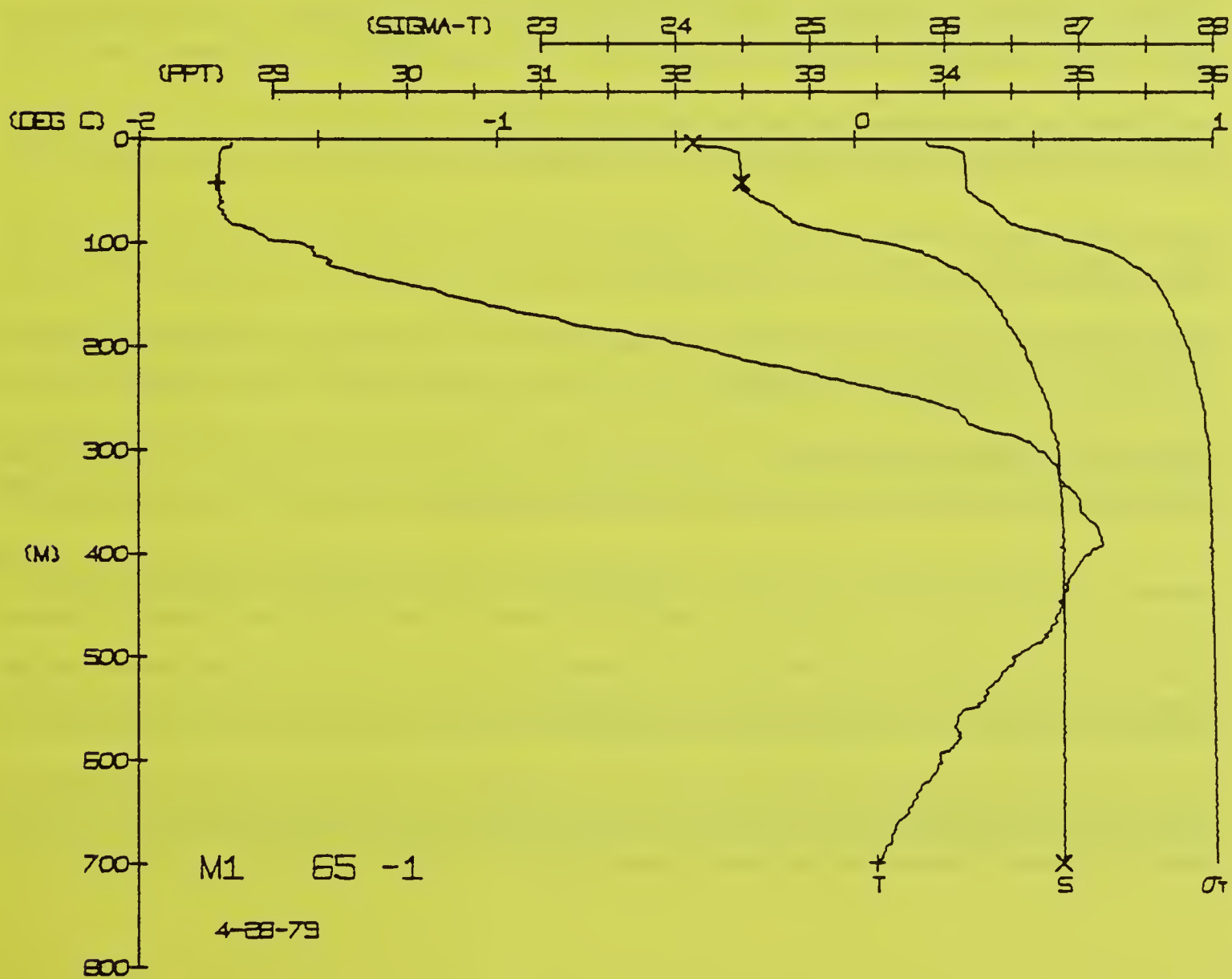
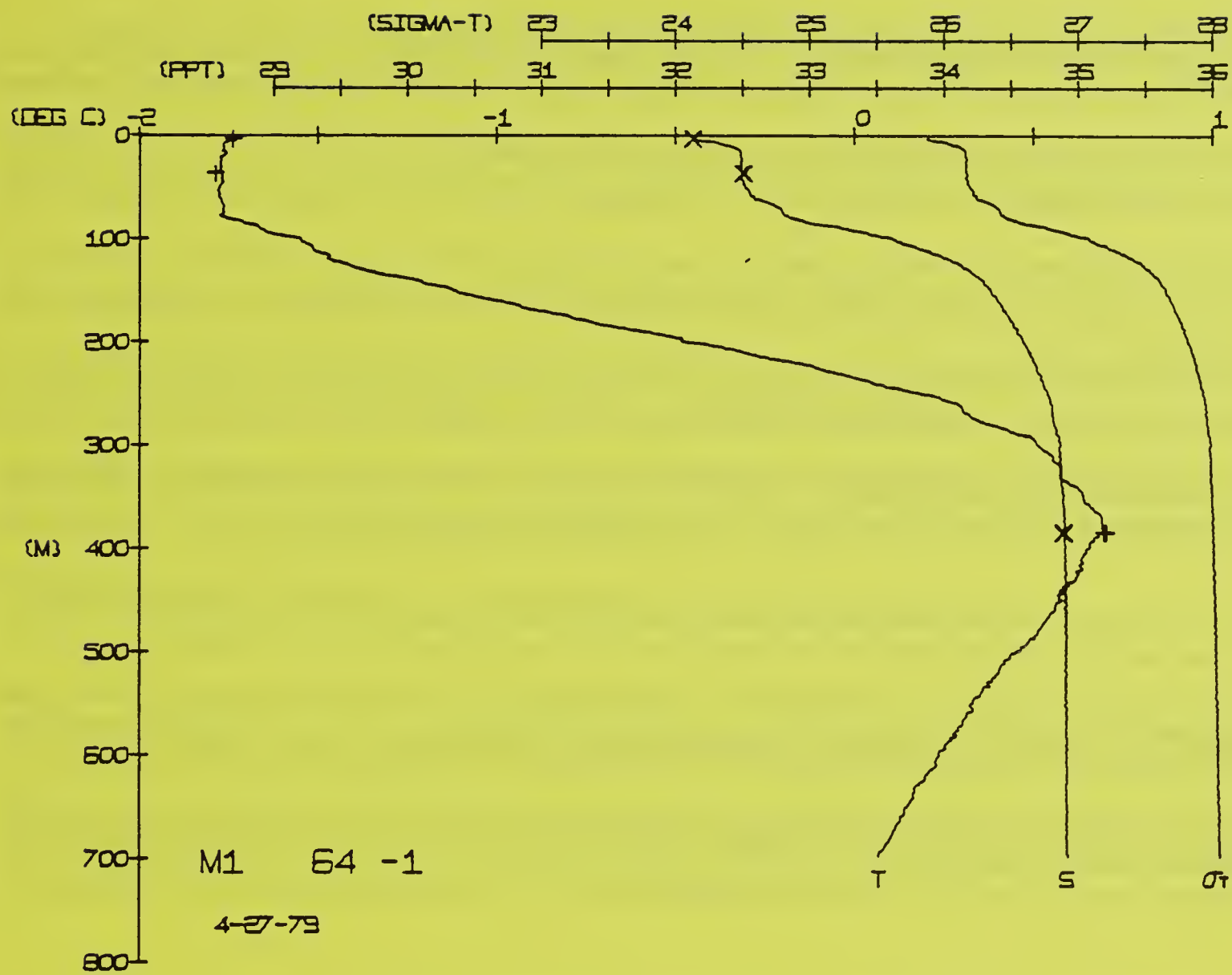
FRAM 1 STATION 65(1) CTD 28/APR/1979 719 GMT CODE = 1
LAT = 84.2780N LNG = 8.0750W LTER = 0. LGER = 0.
AIR TEMP = -22.2 BAROM = 1028.7 WIND = 316.0 SPEED = 5.3

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DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DVNT	SOUND
0.1	74	74	32.13	87	214.0	0.000	1437.
0.3	74	74	32.13	87	213.3	0.007	1437.
1.0	76	76	32.39	88	194.4	0.021	1437.
1.5	77	77	32.47	15	187.5	0.031	1437.
2.5	78	78	32.49	16	186.7	0.040	1437.
3.0	78	78	32.49	16	185.9	0.049	1437.
3.5	78	78	32.50	17	185.3	0.068	1438.
4.0	78	78	32.48	16	186.0	0.077	1438.
4.5	78	78	32.49	17	185.4	0.087	1438.
5.0	78	78	32.49	22	185.2	0.096	1438.
5.5	77	77	32.55	27	177.5	0.114	1438.
6.0	77	77	32.62	36	167.7	0.123	1439.
6.5	78	77	32.73	36	156.4	0.131	1439.
7.0	75	75	32.77	47	155.6	0.147	1440.
8.0	67	67	33.83	25	107.7	0.174	1441.
9.0	57	57	33.51	99	82.7	0.184	1442.
10.0	51	51	33.83	25	69.9	0.191	1442.
11.0	47	48	34.00	38	58.4	0.198	1443.
12.0	39	39	34.15	59	50.3	0.203	1444.
13.0	26	27	34.27	59	45.5	0.208	1445.
14.0	15	15	34.33	64	41.8	0.213	1446.
15.0	03	04	34.39	71	38.6	0.217	1447.
16.0	78	78	34.44	74	35.7	0.220	1448.
17.0	60	61	34.54	79	31.3	0.224	1449.
18.0	46	47	34.58	81	29.2	0.227	1450.
19.0	35	36	34.63	84	26.5	0.230	1451.
20.0	21	21	34.65	87	23.4	0.232	1451.
22.0	10	11	34.68	88	21.4	0.237	1453.
23.0	04	03	34.72	90	19.5	0.239	1453.
24.0	17	16	34.76	92	17.7	0.241	1454.
25.0	26	25	34.78	94	17.1	0.243	1454.
26.0	31	30	34.80	95	16.3	0.244	1455.
27.0	35	34	34.81	97	15.3	0.246	1456.
28.0	47	46	34.83	98	14.4	0.249	1456.
29.0	51	50	34.85	98	14.3	0.248	1456.
30.0	55	53	34.86	98	14.2	0.250	1456.
31.0	57	56	34.86	98	14.0	0.252	1457.
32.0	61	60	34.87	99	13.3	0.253	1457.
33.0	63	62	34.88	99	13.3	0.254	1457.
34.0	66	64	34.89	01	12.1	0.257	1458.
35.0	69	68	34.90	01	12.6	0.260	1458.
36.0	69	68	34.90	01	11.3	0.262	1458.
37.0	63	61	34.89	01	11.0	0.265	1459.
38.0	58	56	34.91	02	11.2	0.267	1459.
39.0	56	54	34.90	01	11.0	0.269	1459.
40.0	50	48	34.90	02	10.8	0.271	1459.
41.0	44	41	34.90	02	10.4	0.273	1459.
42.0	38	36	34.90	03	9.9	0.275	1459.
43.0	29	26	34.90	03	9.2	0.277	1459.
44.0	27	25	34.90	04	8.8	0.281	1460.
45.0	23	21	34.91	04	8.3	0.285	1460.
46.0	15	12	34.91	05	7.7	0.288	1460.
47.0	09	06	34.91	05	7.7	0.290	1460.

32. 12  
32. 49  
34. 90





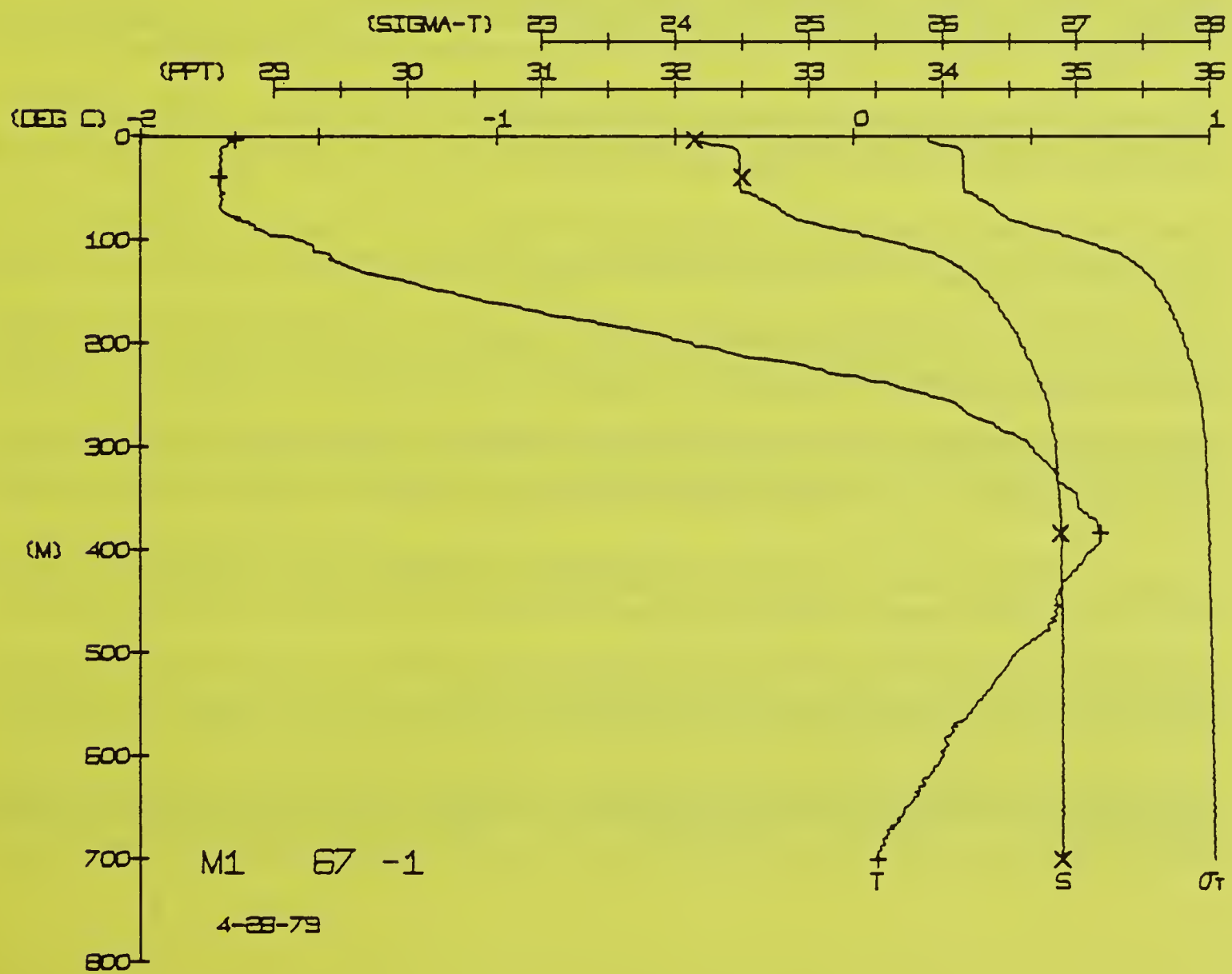
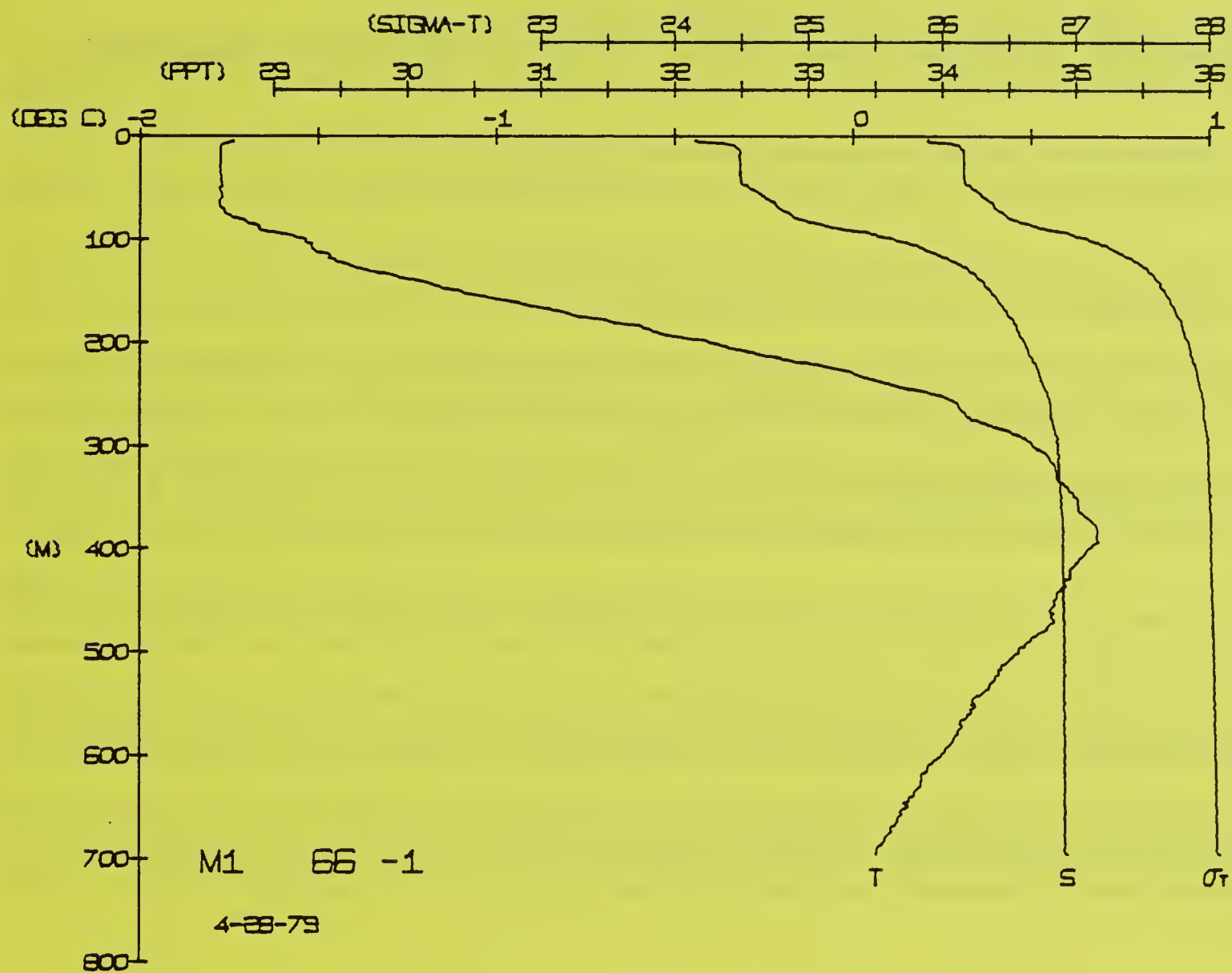
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LAT = 84.2649N LNG = 8.0279W LTER = 0. LGER = 0.  
AIR TEMP = -22.2 BAROM = 1030.4 WIND = 316.0 SPEED = 5.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	32.15	25.89	212.4	0.000	1437.1
0.0	-1.74	-1.74	32.15	25.89	212.4	0.006	1437.1
3.0	-1.74	-1.74	32.15	25.89	212.4	0.011	1437.2
5.0	-1.77	-1.77	32.45	25.89	212.2	0.021	1437.5
10.0	-1.77	-1.77	32.45	25.89	212.2	0.030	1437.5
15.0	-1.78	-1.78	32.48	25.89	212.2	0.040	1437.7
20.0	-1.77	-1.77	32.48	25.89	212.2	0.049	1437.8
25.0	-1.77	-1.77	32.48	25.89	212.2	0.058	1437.9
30.0	-1.77	-1.77	32.48	25.89	212.2	0.067	1437.9
35.0	-1.77	-1.77	32.48	25.89	212.2	0.077	1438.0
40.0	-1.77	-1.77	32.48	25.89	212.2	0.086	1438.1
45.0	-1.77	-1.77	32.48	25.89	212.2	0.096	1438.2
50.0	-1.77	-1.77	32.48	25.89	212.2	0.105	1438.3
55.0	-1.77	-1.77	32.48	25.89	212.2	0.113	1438.5
60.0	-1.77	-1.77	32.48	25.89	212.2	0.122	1438.8
65.0	-1.77	-1.77	32.48	25.89	212.2	0.130	1439.0
70.0	-1.77	-1.77	32.48	25.89	212.2	0.146	1439.4
80.0	-1.77	-1.77	32.48	25.89	212.2	0.160	1440.8
90.0	-1.77	-1.77	32.48	25.89	212.2	0.172	1441.4
100.0	-1.77	-1.77	32.48	25.89	212.2	0.181	1442.4
110.0	-1.77	-1.77	32.48	25.89	212.2	0.188	1443.1
120.0	-1.77	-1.77	32.48	25.89	212.2	0.194	1443.9
130.0	-1.77	-1.77	32.48	25.89	212.2	0.200	1444.5
140.0	-1.77	-1.77	32.48	25.89	212.2	0.209	1444.6
150.0	-1.77	-1.77	32.48	25.89	212.2	0.212	1444.7
160.0	-1.77	-1.77	32.48	25.89	212.2	0.216	1444.8
170.0	-1.77	-1.77	32.48	25.89	212.2	0.219	1444.9
180.0	-1.77	-1.77	32.48	25.89	212.2	0.222	1445.0
190.0	-1.77	-1.77	32.48	25.89	212.2	0.225	1445.1
200.0	-1.77	-1.77	32.48	25.89	212.2	0.227	1445.2
210.0	-1.77	-1.77	32.48	25.89	212.2	0.229	1445.3
220.0	-1.77	-1.77	32.48	25.89	212.2	0.231	1445.4
230.0	-1.77	-1.77	32.48	25.89	212.2	0.233	1445.5
240.0	-1.77	-1.77	32.48	25.89	212.2	0.235	1445.6
250.0	-1.77	-1.77	32.48	25.89	212.2	0.237	1445.7
260.0	-1.77	-1.77	32.48	25.89	212.2	0.238	1445.8
270.0	-1.77	-1.77	32.48	25.89	212.2	0.240	1445.9
280.0	-1.77	-1.77	32.48	25.89	212.2	0.243	1446.0
290.0	-1.77	-1.77	32.48	25.89	212.2	0.244	1446.1
300.0	-1.77	-1.77	32.48	25.89	212.2	0.245	1446.2
310.0	-1.77	-1.77	32.48	25.89	212.2	0.247	1446.3
320.0	-1.77	-1.77	32.48	25.89	212.2	0.248	1446.4
330.0	-1.77	-1.77	32.48	25.89	212.2	0.250	1446.5
340.0	-1.77	-1.77	32.48	25.89	212.2	0.253	1446.6
350.0	-1.77	-1.77	32.48	25.89	212.2	0.255	1446.7
360.0	-1.77	-1.77	32.48	25.89	212.2	0.258	1446.8
370.0	-1.77	-1.77	32.48	25.89	212.2	0.262	1446.9
380.0	-1.77	-1.77	32.48	25.89	212.2	0.264	1447.0
390.0	-1.77	-1.77	32.48	25.89	212.2	0.266	1447.1
400.0	-1.77	-1.77	32.48	25.89	212.2	0.268	1447.2
410.0	-1.77	-1.77	32.48	25.89	212.2	0.270	1447.3
420.0	-1.77	-1.77	32.48	25.89	212.2	0.272	1447.4
430.0	-1.77	-1.77	32.48	25.89	212.2	0.273	1447.5
440.0	-1.77	-1.77	32.48	25.89	212.2	0.275	1447.6
450.0	-1.77	-1.77	32.48	25.89	212.2	0.277	1447.7
460.0	-1.77	-1.77	32.48	25.89	212.2	0.278	1447.8
470.0	-1.77	-1.77	32.48	25.89	212.2	0.280	1447.9
480.0	-1.77	-1.77	32.48	25.89	212.2	0.281	1448.0
490.0	-1.77	-1.77	32.48	25.89	212.2	0.282	1448.1
500.0	-1.77	-1.77	32.48	25.89	212.2	0.283	1448.2
510.0	-1.77	-1.77	32.48	25.89	212.2	0.284	1448.3
520.0	-1.77	-1.77	32.48	25.89	212.2	0.285	1448.4
530.0	-1.77	-1.77	32.48	25.89	212.2	0.286	1448.5
540.0	-1.77	-1.77	32.48	25.89	212.2	0.287	1448.6
550.0	-1.77	-1.77	32.48	25.89	212.2	0.288	1448.7
560.0	-1.77	-1.77	32.48	25.89	212.2	0.289	1448.8
570.0	-1.77	-1.77	32.48	25.89	212.2	0.290	1448.9
580.0	-1.77	-1.77	32.48	25.89	212.2	0.291	1449.0
590.0	-1.77	-1.77	32.48	25.89	212.2	0.292	1449.1
600.0	-1.77	-1.77	32.48	25.89	212.2	0.293	1449.2
610.0	-1.77	-1.77	32.48	25.89	212.2	0.294	1449.3
620.0	-1.77	-1.77	32.48	25.89	212.2	0.295	1449.4
630.0	-1.77	-1.77	32.48	25.89	212.2	0.296	1449.5
640.0	-1.77	-1.77	32.48	25.89	212.2	0.297	1449.6
650.0	-1.77	-1.77	32.48	25.89	212.2	0.298	1449.7
660.0	-1.77	-1.77	32.48	25.89	212.2	0.299	1449.8
670.0	-1.77	-1.77	32.48	25.89	212.2	0.300	1449.9
680.0	-1.77	-1.77	32.48	25.89	212.2	0.301	1450.0
690.0	-1.77	-1.77	32.48	25.89	212.2	0.302	1450.1
700.0	-1.77	-1.77	32.48	25.89	212.2	0.303	1450.2

FRAM 1 STATION 67(1) CTD 28/APR/1975 1836 GMT CODE = 1									
LAT = 84.254EN LNG = 8.0089W LTER = 1 LGER = 2.2									
AIR TEMP = -22.2 BAROM = 1030.5 WIND = 317.0 SPEED = 6.2									
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND		
0.0	-1.74	-1.74	32.15	25.89	211.9	0.000	1437.1		
3.1	-1.74	-1.74	32.15	25.89	211.8	0.007	1437.1		
5.0	-1.75	-1.75	32.16	25.89	211.6	0.011	1437.2		
10.0	-1.77	-1.77	32.39	25.89	211.3	0.021	1437.5		
15.0	-1.77	-1.77	32.47	26.15	187.3	0.030	1437.6		
20.0	-1.77	-1.77	32.47	26.15	187.4	0.040	1437.7		
25.0	-1.77	-1.77	32.48	26.16	186.4	0.049	1437.8		
30.0	-1.77	-1.77	32.48	26.16	185.8	0.059	1437.9		
35.0	-1.77	-1.77	32.48	26.15	185.8	0.068	1438.0		
40.0	-1.77	-1.77	32.49	26.16	185.8	0.077	1438.1		
45.0	-1.78	-1.78	32.49	26.16	185.7	0.087	1438.1		
50.0	-1.77	-1.77	32.49	26.16	185.6	0.096	1438.2		
55.0	-1.76	-1.77	32.55	26.21	181.0	0.105	1438.4		
60.0	-1.77	-1.77	32.62	26.27	175.5	0.114	1438.8		
65.0	-1.77	-1.77	32.70	26.33	169.8	0.123	1438.8		
70.0	-1.77	-1.77	32.77	26.39	163.4	0.131	1438.9		
80.0	-1.72	-1.72	33.18	26.49	154.8	0.148	1439.9		
90.0	-1.68	-1.68	33.52	26.72	132.6	0.162	1440.0		
100.0	-1.56	-1.57	33.81	27.00	106.3	0.174	1441.1		
110.0	-1.51	-1.51	33.81	27.23	84.2	0.184	1442.2		
120.0	-1.46	-1.46	34.03	27.41	67.6	0.191	1443.0		
130.0	-1.39	-1.39	34.16	27.50	58.1	0.198	1443.7		
140.0	-1.26	-1.26	34.26	27.58	51.2	0.203	1444.4		
150.0	-1.16	-1.17	34.32	27.63	46.1	0.208	1444.5		
160.0	-1.04	-1.05	34.39	27.68	41.7	0.212	1444.6		
170.0	-0.89	-0.90	34.45	27.72	37.6	0.216	1444.7		
180.0	-0.78	-0.73	34.50	27.76	34.6	0.220	1444.7		
190.0	-0.58	-0.59	34.54	27.79	31.6	0.223	1444.9		
200.0	-0.46	-0.47	34.59	27.82	28.4	0.227	1444.9		
210.0	-0.34	-0.35	34.62	27.84	26.7	0.229	1445.0		
220.0	-0.17	-0.18	34.67	27.87	24.4	0.232	1445.1		
230.0	-0.07	-0.09	34.73	27.89	22.2	0.234	1445.2		
240.0	0.10	0.20	34.77	27.91	20.8	0.236	1445.3		
250.0	0.21	0.28	34.79	27.93	18.5	0.240	1445.3		
260.0	0.29	0.31	34.82	27.94	17.2	0.242	1445.4		
270.0	0.33	0.39	34.83	27.96	15.5	0.245	1445.5		
280.0	0.40	0.44	34.85	27.98	14.4	0.247	1445.6		
290.0	0.46	0.48	34.86	27.98	14.4	0.248	1445.6		
300.0	0.50	0.51	34.85	27.98	14.4	0.250	1445.6		
310.0	0.52	0.54	34.85	27.98	14.2	0.251	1445.7		
320.0	0.55	0.56	34.86	27.98	14.2	0.254	1445.7		
330.0	0.57	0.58	34.87	27.99	13.6	0.257	1445.8		
340.0	0.60	0.61	34.87	27.99	12.7	0.259	1445.8		
350.0	0.63	0.65	34.89	28.00	12.2	0.262	1445.8		
360.0	0.66	0.68	34.90	28.01	11.7	0.264	1445.8		
370.0	0.69	0.68	34.90	28.02	11.0	0.266	1445.9		
380.0	0.65	0.55	34.90	28.02	11.0	0.268	1445.9		
390.0	0.57	0.48	34.90	28.03	10.9	0.271	1445.9		
400.0	0.50	0.42	34.91	28.03	9.8	0.273	1445.9		
410.0	0.44	0.37	34.91	28.03	9.1	0.275	1445.9		
420.0	0.35	0.32	34.91	28.03	8.5	0.279	1445.9		
430.0	0.28	0.26	34.90	28.04	8.1	0.280	1446.0		
440.0	0.24	0.21	34.91	28.04	7.7	0.284	1446.0		
450.0	0.15	0.13	34.91	28.04	7.0	0.286	1446.0		
460.0	0.10	0.07	34.91	28.05	6.2	0.287	1446.0		
470.0	0.08	0.05	34.91	28.05	5.6	0.289	1446.0		

DEPTH	TEMP.	SALIN
0.0	7.1	34.91
3.1	7.1	34.91
5.0	7.1	34.91
10.0	7.1	34.91
15.0	7.1	34.91
20.0	7.1	34.91
25.0	7.1	34.91
30.0	7.1	34.91
35.0	7.1	34.91
40.0	7.1	34.91
45.0	7.1	34.91
50.0	7.1	34.91
55.0	7.1	34.91
60.0	7.1	34.91
65.0	7.1	34.91
70.0	7.1	34.91
80.0	7.1	34.91
90.0	7.1	34.91
100.0	7.1	34.91
110.0	7.1	34.91
120.0	7.1	34.91
130.0	7.1	34.91
140.0	7.1	34.91
150.0	7.1	34.91
160.0	7.1	34.91
170.0	7.1	34.91
180.0	7.1	34.91
190.0	7.1	34.91
200.0	7.1	34.91
210.0	7.1	34.91
220.0	7.1	34.91
230.0	7.1	34.91
240.0	7.1	34.91
250.0	7.1	34.91
260.0	7.1	34.91
270.0	7.1	34.91
280.0	7.1	34.91
290.0	7.1	34.91
300.0	7.1	34.91
310.0	7.1	34.91
320.0	7.1	34.91
330.0	7.1	34.91
340.0	7.1	34.91
350.0	7.1	34.91
360.0	7.1	34.91
370.0	7.1	34.91
380.0	7.1	34.91
390.0	7.1	34.91
400.0	7.1	34.91
410.0	7.1	34.91
420.0	7.1	34.91
430.0	7.1	34.91
440.0	7.1	34.91
450.0	7.1	34.91
460.0	7.1	34.91
470.0	7.1	34.91





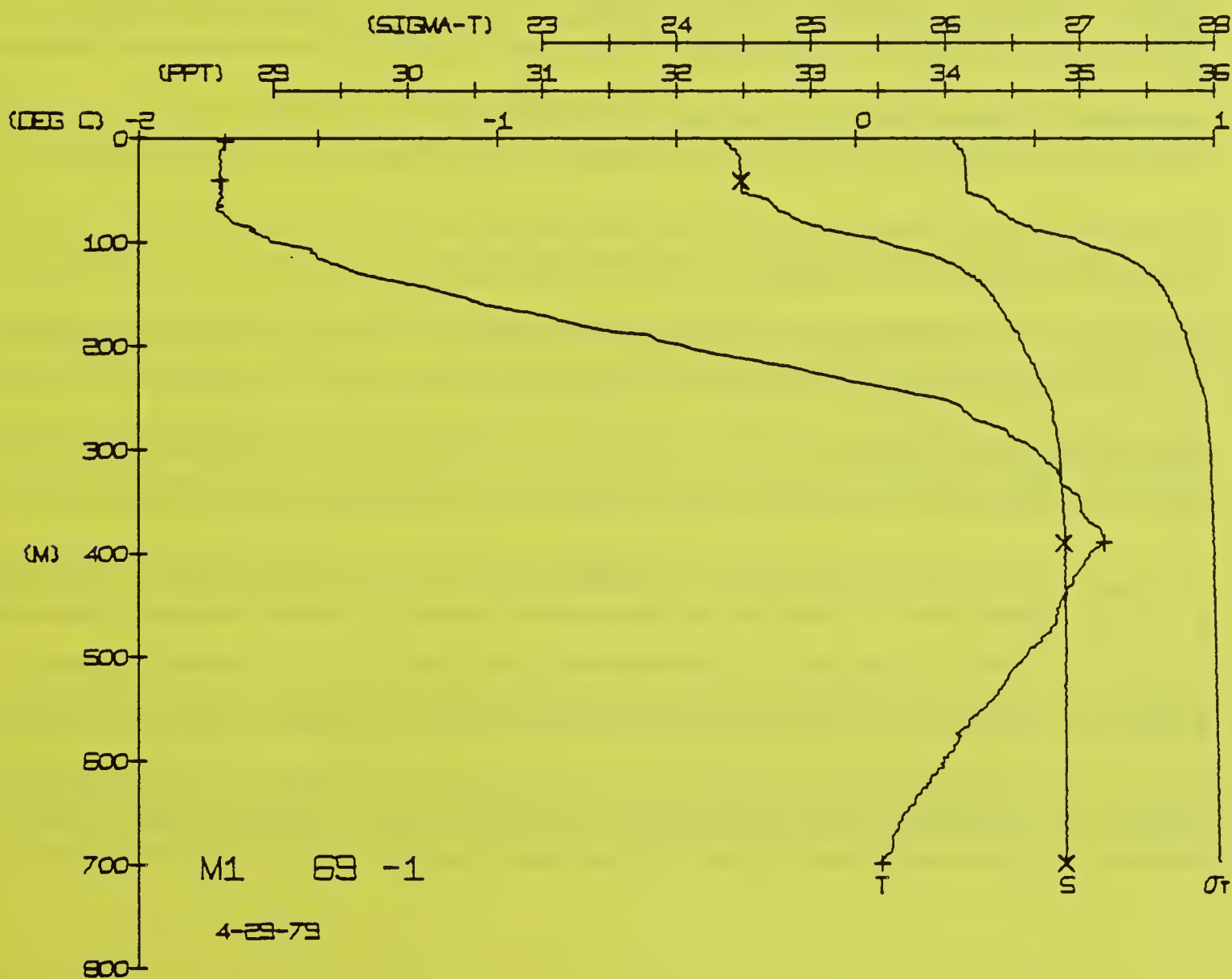
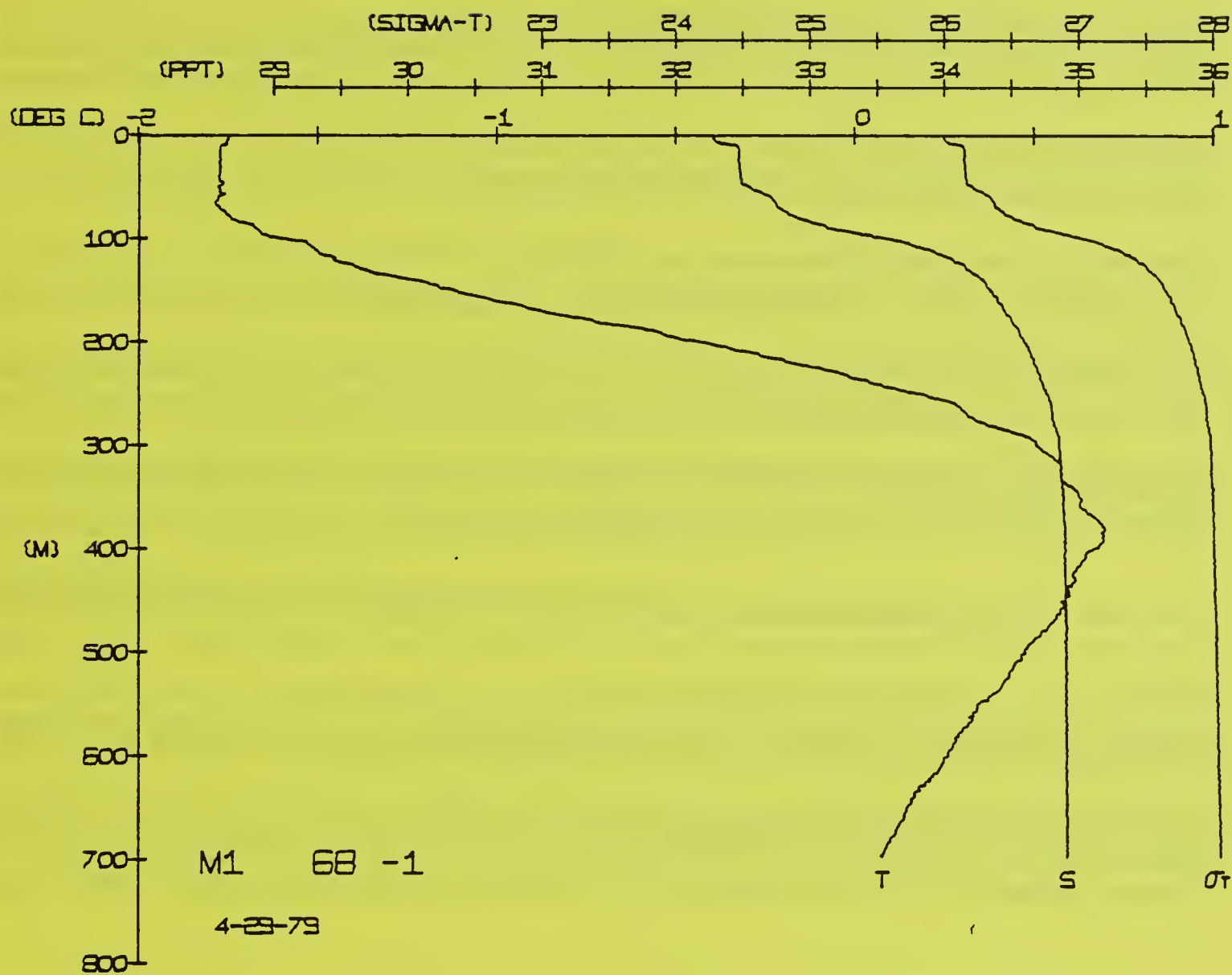
FRAM 1 STATION 68(1) CTD 29/APR/1979 1300 GMT CODE = 1  
LAT = 84.2228N LNG = 7.9389W LTER = 0. LGER = 0.  
AIR TEMP = -22.2 BAROM = 1033.7 WIND = 317.0 SPEED = 6.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	75	75	32.26	25.97	204.0	0.000	1437.2
3	75	75	32.29	26.00	201.2	0.006	1437.3
5	75	75	32.41	26.10	192.3	0.010	1437.5
10	76	76	32.47	26.15	187.3	0.030	1437.6
15	77	77	32.47	26.15	187.3	0.039	1437.7
20	77	77	32.47	26.15	187.3	0.049	1437.8
25	77	77	32.48	26.16	186.3	0.058	1437.9
30	78	78	32.48	26.16	186.3	0.067	1438.0
35	77	77	32.48	26.16	186.3	0.077	1438.0
40	77	77	32.49	26.16	186.3	0.086	1438.1
45	78	78	32.54	26.20	182.1	0.095	1438.3
50	78	78	32.61	26.26	176.2	0.104	1438.5
55	78	78	32.70	26.33	169.7	0.113	1438.7
60	78	78	32.74	26.37	166.2	0.122	1438.8
65	79	79	32.76	26.49	164.3	0.130	1438.9
70	75	75	33.12	26.67	153.9	0.146	1439.4
80	75	75	33.32	27.00	136.9	0.161	1440.2
90	68	68	33.52	27.41	106.4	0.173	1441.4
100	62	62	33.83	27.59	83.0	0.182	1442.4
110	51	51	34.04	27.72	67.7	0.190	1443.1
120	45	45	34.16	27.84	58.3	0.196	1443.7
130	38	38	34.27	27.94	50.1	0.202	1444.3
140	25	25	34.39	27.95	45.6	0.207	1444.5
150	13	13	34.44	27.97	41.3	0.211	1444.6
160	02	02	34.44	27.76	38.4	0.215	1444.7
170	89	90	34.50	27.79	34.1	0.219	1444.8
180	74	74	34.55	27.82	31.7	0.222	1444.9
190	56	57	34.59	27.86	28.4	0.225	1444.9
200	45	46	34.63	27.84	26.4	0.228	1445.0
210	32	33	34.66	27.83	24.6	0.230	1445.1
220	19	20	34.72	27.83	23.2	0.233	1445.2
230	05	06	34.75	27.90	21.5	0.235	1445.3
240	15	14	34.78	27.92	19.5	0.237	1445.3
250	27	26	34.81	27.94	18.1	0.241	1445.4
260	31	30	34.84	27.95	17.5	0.243	1445.4
270	37	35	34.86	27.97	16.8	0.244	1445.5
280	46	44	34.86	27.98	16.4	0.246	1445.6
290	54	49	34.86	27.98	14.7	0.249	1445.6
300	51	53	34.85	27.98	14.4	0.250	1445.6
310	57	56	34.86	27.98	14.1	0.251	1445.7
320	60	55	34.86	27.98	12.7	0.253	1445.7
330	63	61	34.88	28.00	12.4	0.255	1445.7
340	67	65	34.89	28.00	12.7	0.258	1445.8
350	69	67	34.89	28.00	12.4	0.260	1445.8
360	69	67	34.89	28.01	11.1	0.263	1445.9
370	69	57	34.90	28.01	11.1	0.265	1445.9
380	69	53	34.90	28.01	11.1	0.268	1445.9
390	69	47	34.90	28.01	11.1	0.270	1445.9
400	69	43	34.90	28.02	10.5	0.272	1445.9
410	69	39	34.90	28.03	9.9	0.274	1445.9
420	69	32	34.90	28.03	9.5	0.276	1445.9
430	69	25	34.90	28.04	8.8	0.280	1446.0
440	69	21	34.90	28.04	8.5	0.282	1446.0
450	69	15	34.91	28.05	7.7	0.285	1446.0
460	69	04	34.91	28.05	7.2	0.287	1446.0
470	69	04	34.91	28.05	7.2	0.288	1446.0
480	69	04	34.91	28.05	7.2	0.289	1446.0
490	69	04	34.91	28.05	7.2	0.289	1446.0
500	69	04	34.91	28.05	7.2	0.289	1446.0
510	69	04	34.91	28.05	7.2	0.289	1446.0
520	69	04	34.91	28.05	7.2	0.289	1446.0
530	69	04	34.91	28.05	7.2	0.289	1446.0
540	69	04	34.91	28.05	7.2	0.289	1446.0
550	69	04	34.91	28.05	7.2	0.289	1446.0
560	69	04	34.91	28.05	7.2	0.289	1446.0
570	69	04	34.91	28.05	7.2	0.289	1446.0
580	69	04	34.91	28.05	7.2	0.289	1446.0
590	69	04	34.91	28.05	7.2	0.289	1446.0
600	69	04	34.91	28.05	7.2	0.289	1446.0
610	69	04	34.91	28.05	7.2	0.289	1446.0
620	69	04	34.91	28.05	7.2	0.289	1446.0
630	69	04	34.91	28.05	7.2	0.289	1446.0
640	69	04	34.91	28.05	7.2	0.289	1446.0
650	69	04	34.91	28.05	7.2	0.289	1446.0
660	69	04	34.91	28.05	7.2	0.289	1446.0
670	69	04	34.91	28.05	7.2	0.289	1446.0
680	69	04	34.91	28.05	7.2	0.289	1446.0
690	69	04	34.91	28.05	7.2	0.289	1446.0

FRAM 1 STATION 69(1) CTD 29/APR/1979 1857 GMT CODE = 1  
LAT = 84.2144N LNG = 7.9466W LTER = 1. LGER = 2.  
AIR TEMP = -22.1 BAROM = 1035.9 WIND = 335.0 SPEED = 4.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	76	76	32.36	26.06	195.9	0.000	1437.3
3	76	76	32.37	26.07	194.9	0.006	1437.4
5	76	76	32.37	26.07	191.8	0.010	1437.5
10	77	77	32.41	26.10	188.4	0.020	1437.6
15	77	77	32.46	26.14	187.5	0.029	1437.7
20	77	77	32.47	26.15	187.5	0.039	1437.8
25	77	77	32.47	26.15	186.5	0.048	1437.9
30	77	77	32.48	26.16	186.5	0.057	1438.0
35	77	77	32.48	26.16	186.5	0.076	1438.1
40	77	77	32.48	26.16	186.5	0.086	1438.2
45	77	77	32.49	26.16	186.5	0.095	1438.3
50	77	77	32.54	26.21	181.0	0.104	1438.4
55	77	77	32.59	26.35	167.0	0.113	1438.7
60	77	77	32.72	26.49	152.3	0.122	1438.8
65	77	77	32.76	26.51	132.5	0.130	1438.9
70	78	78	32.92	26.68	106.4	0.146	1439.4
80	74	74	33.18	27.00	84.4	0.161	1440.2
90	68	68	33.53	27.41	58.8	0.173	1441.4
100	63	63	33.81	27.72	41.6	0.182	1442.4
110	52	52	34.03	27.84	31.4	0.190	1443.1
120	47	47	34.15	27.84	21.5	0.202	1443.7
130	39	39	34.27	27.94	16.8	0.211	1444.5
140	26	26	34.39	27.95	11.7	0.219	1444.8
150	14	14	34.44	27.97	7.4	0.222	1444.9
160	05	05	34.49	27.76	4.6	0.228	1445.0
170	89	89	34.55	27.77	2.4	0.233	1445.3
180	77	77	34.58	27.82	1.9	0.235	1445.3
190	58	58	34.58	27.86	1.4	0.244	1445.6
200	48	49	34.61	27.83	1.4	0.247	1445.6
210	35	36	34.66	27.83	1.4	0.250	1445.7
220	07	08	34.74	27.91	1.4	0.253	1445.8
230	22	21	34.77	27.93	1.4	0.255	1445.8
240	30	31	34.80	27.95	1.4	0.257	1445.8
250	41	43	34.82	27.96	1.4	0.259	1445.9
260	45	45	34.85	27.97	1.4	0.262	1445.9
270	53	51	34.85	27.97	1.4	0.265	1445.9
280	56	55	34.85	27.97	1.4	0.267	1445.9
290	60	59	34.87	27.99	1.4	0.269	1445.9
300	63	61	34.88	27.99	1.4	0.271	1445.9
310	65	67	34.89	28.00	1.4	0.273	1445.9
320	69	62	34.89	28.01	1.4	0.275	1445.9
330	70	65	34.90	28.02	1.4	0.277	1445.9
340	70	64	34.90	28.02	1.4	0.279	1445.9
350	70	59	34.90	28.03	1.4	0.281	1446.0
360	70	53	34.90	28.04	1.4	0.282	1446.0
370	70	48	34.91	28.04	1.4	0.284	1446.0
380	70	42	34.91	28.04	1.4	0.285	1446.0
390	70	39	34.91	28.04	1.4	0.286	1446.0
400	70	37	34.91	28.04	1.4	0.287	1446.0
410	70	36	34.91	28.04	1.4	0.288	1446.0
420	70	36	34.91	28.04	1.4	0.289	1446.0
430	70	36	34.91	28.04	1.4	0.290	1446.0
440	70	36	34.91	28.04	1.4	0.291	1446.0
450	70	36	34.91	28.04	1.4	0.292	1446.0
460	70	36	34.91	28.04	1.4	0.293	1446.0
470	70	36	34.91	28.04	1.4	0.294	1446.0
480	70	36	34.91	28.04	1.4	0.295	1446.0
490	70	36	34.91	28.04	1.4	0.296	1446.0
500	70	36	34.91	28.04	1.4	0.297	1446.0
510	70	36	34.91	28.04	1.4	0.298	1446.0
520	70	36	34.91	28.04	1.4	0.299	1446.0
530	70	36	34.91	28.04	1.4	0.300	1446.0
540	70	36	34.91	28.04	1.4	0.301	1446.0
550	70	36	34.91	28.04	1.4	0.302	1446.0
560	70	36	34.91	28.04	1.4	0.303	1446.0
570	70	36	34.91	28.04	1.4	0.304	1446.0
580	70	36	34.91	28.04	1.4	0.305	1446.0
590	70	36	34.91	28.04	1.4	0.306	1446.0
600	70	36	34.91	28.04	1.4	0.307	1446.0
610	70	36	34.91	28.04	1.4	0.308	1446.0
620	70	36	34.91	28.04	1.4	0.309	1446.0
630	70	36	34.91	28.04	1.4	0.310	1446.0
640	70	36	34.91	28.04	1.4	0.311	1446.0
650	70	36	34.91	28.04	1.4	0.312	1446.0
660	70	36	34.91	28.04	1.4	0.313	1446.0
670	70	36	34.91	28.04	1.4	0.314	1446.0
680	70	36	34.91	28.04	1.4	0.315	1446.0
690	70	36	34.91	28.04	1.4	0.316	1446.0
700	70	36	34.91	28.04	1.4	0.317	1446.0
710	70	36	34.91	28.04	1.4	0.318	1446.0
720	70	36	34.91	28.04	1.4	0.319	1446.0
730	70	36	34.91	28.04	1.4	0.320	1446.0
740	70	36	34.91	28.04	1.4	0.321	1446.0
750	70	36	34.91	28.04	1.4	0.322	1446.0
760	70	36	34.91	28.04	1.4	0.323	1446.0
770	70	36	34.91	28.04	1.4	0.324	1446.0
780	70	36	34.91	28.04	1.4	0.325	1446.0
790	70	36	34.91	28.04	1.4	0.326	1446.0
800	70	36	34.91	28.04	1.4	0.327	1446.0
810	70	36	34.91	28.04	1.4	0.328	1446.0
820	70	36	34.91	28.04	1.4	0.329	1446.0
830	70	36	34.91	28.04	1.4	0.330	1446.0
840	70	36	34.91	28.04	1.4	0.331	1446.0
850	70	36	34.91	28.04	1.4	0.332	1446.0
860	70	36	34.91	28.04	1.4	0.333	1446.0
870	70	36	34.91	28.04	1.4	0.334	1446.0
880	70	36	34.91	28.04	1.4	0.335	1446.0
890	70	36	34.91	28.04	1.4	0.336	1446.0
900	70	36	34.91	28.04	1.4	0.337	1446.0
910	70	36	34.91	28.04	1.4	0.338	1446.0
920	70	36	34.91	28.04	1.4	0.339	1446.0
930	70	36	34.91	28.04	1.4	0.340	1446.0
940	70	36	34.91	28.04	1.4	0.341	1446.0
950	70	36	34.91	28.04	1.4	0.342	1446.0
960	70	36	34.91	28.04	1.4	0.343	1446.0
970	70	36	34.91	28.04	1.4	0.344	1446.0
980	70	36	34.91	28.04	1.4	0.345	1446.0
990	70	36	34.91	28.04	1.4	0.346	1446.0
1000	70	36	34.91	28.04	1.4	0.347	1446.0





FRAM 1 STATION 70(1) CTD 30/APR/1979 715 GMT CODE = 1  
LAT = 84.2029N LNG = 7.9559W LTER = 0. LGER = 0.  
AIR TEMP = -22.1 BAROM = 1038.6 WIND = 335.0 SPEED = 4.0

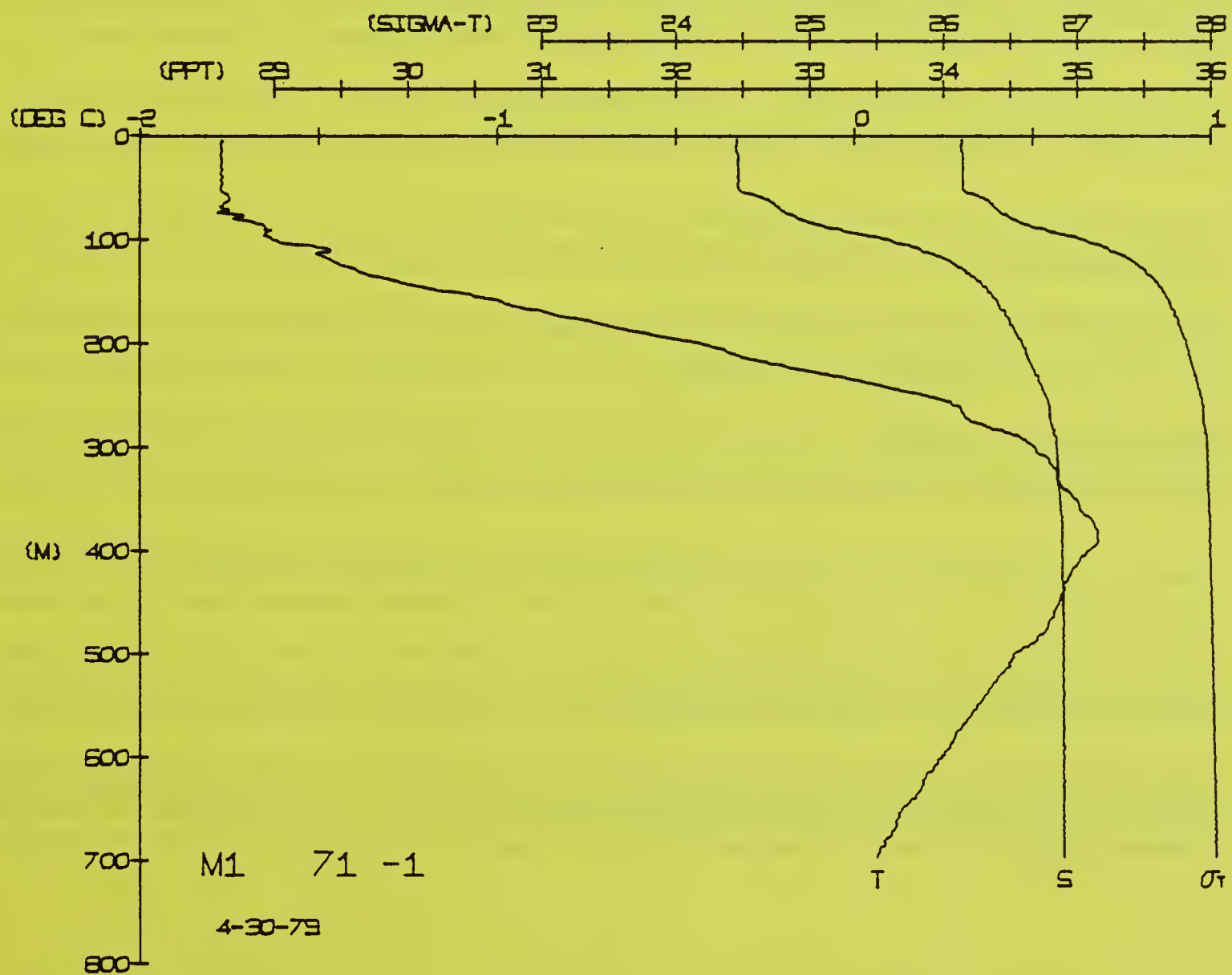
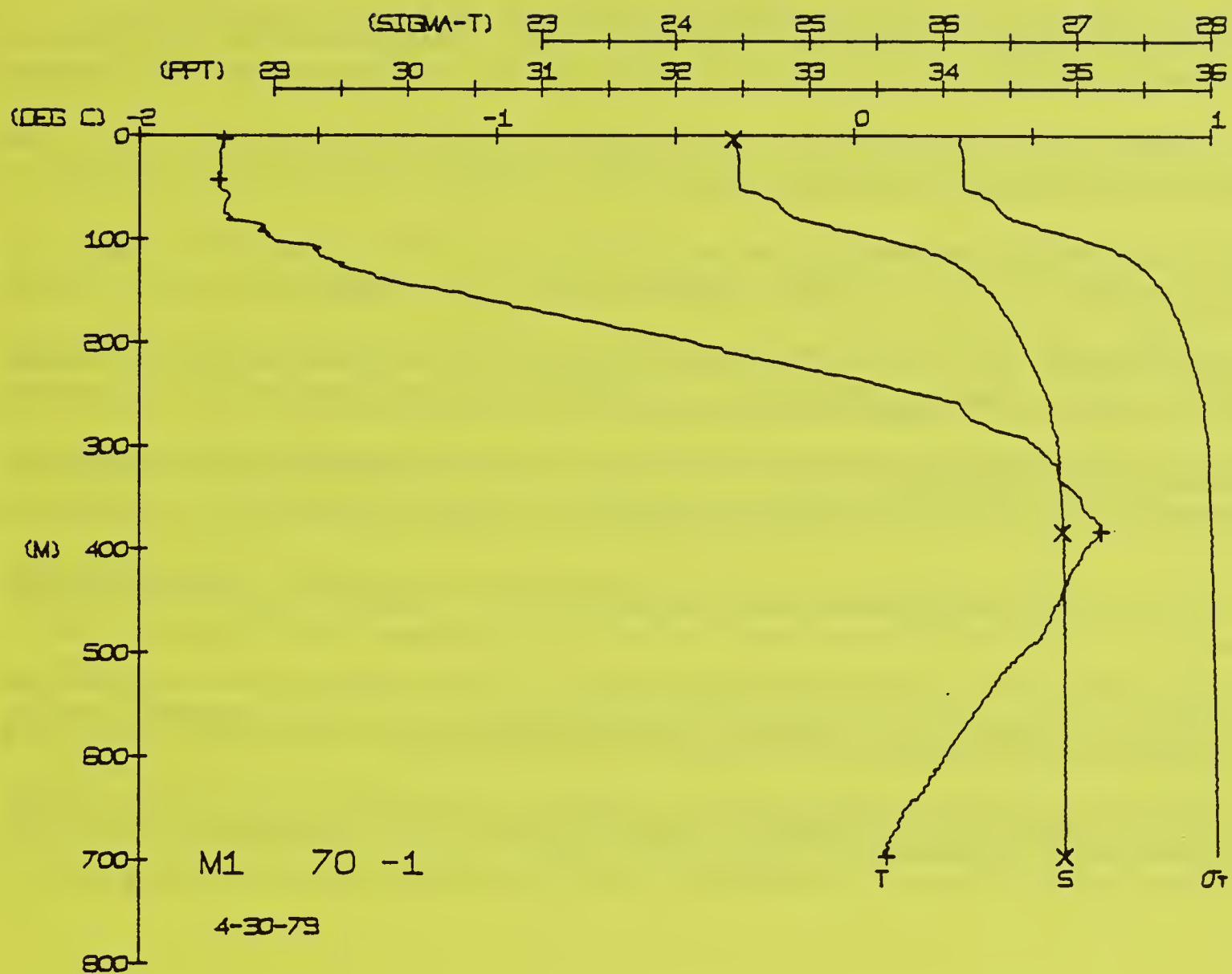
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.77	-1.77	32.44	26.12	189.8	0.000	1437.4
3.3	-1.77	-1.77	32.44	26.12	189.8	0.006	1437.4
5.0	-1.77	-1.77	32.44	26.12	189.9	0.010	1437.4
10.0	-1.77	-1.77	32.43	26.12	189.9	0.019	1437.5
15.0	-1.77	-1.77	32.46	26.14	188.2	0.029	1437.6
20.0	-1.77	-1.77	32.47	26.15	187.2	0.038	1437.7
25.0	-1.77	-1.77	32.47	26.15	187.3	0.048	1437.8
30.0	-1.77	-1.77	32.47	26.15	187.3	0.057	1437.9
35.0	-1.77	-1.77	32.47	26.15	187.3	0.066	1438.0
40.0	-1.77	-1.77	32.47	26.15	187.3	0.076	1438.0
45.0	-1.77	-1.77	32.47	26.15	187.3	0.085	1438.1
50.0	-1.77	-1.77	32.48	26.16	186.3	0.095	1438.2
55.0	-1.76	-1.76	32.56	26.22	180.0	0.104	1438.5
60.0	-1.75	-1.75	32.65	26.27	173.1	0.113	1438.7
65.0	-1.76	-1.76	32.75	26.37	165.7	0.121	1438.9
70.0	-1.76	-1.76	32.78	26.40	163.2	0.130	1439.0
80.0	-1.74	-1.74	32.89	26.49	154.3	0.146	1439.5
90.0	-1.66	-1.66	33.18	26.72	132.4	0.160	1440.4
100.0	-1.63	-1.63	33.53	27.00	106.6	0.172	1441.2
110.0	-1.51	-1.52	33.83	27.25	82.7	0.182	1442.0
120.0	-1.47	-1.47	34.02	27.39	58.6	0.189	1443.0
130.0	-1.40	-1.40	34.16	27.50	41.9	0.196	1444.4
140.0	-1.31	-1.32	34.24	27.57	29.0	0.201	1444.4
150.0	-1.16	-1.16	34.33	27.63	22.0	0.210	1445.4
160.0	-1.03	-1.03	34.45	27.72	17.4	0.214	1446.6
170.0	-0.88	-0.87	34.50	27.76	14.2	0.218	1448.0
180.0	-0.75	-0.75	34.54	27.79	11.7	0.221	1449.0
190.0	-0.59	-0.60	34.58	27.81	9.9	0.225	1449.8
200.0	-0.45	-0.46	34.62	27.84	8.6	0.227	1450.5
210.0	-0.36	-0.37	34.66	27.86	7.3	0.230	1451.4
220.0	-0.21	-0.22	34.69	27.88	6.0	0.232	1452.0
230.0	-0.09	-0.10	34.72	27.90	5.2	0.235	1453.0
240.0	0.05	0.05	34.77	27.93	4.6	0.238	1454.4
250.0	0.17	0.16	34.79	27.94	4.1	0.240	1454.8
260.0	0.31	0.30	34.80	27.95	3.7	0.242	1455.4
270.0	0.37	0.36	34.81	27.95	3.4	0.243	1455.5
280.0	0.45	0.44	34.84	27.97	3.1	0.245	1455.6
290.0	0.51	0.52	34.85	27.98	2.8	0.246	1455.6
300.0	0.54	0.54	34.86	27.98	2.5	0.248	1456.9
310.0	0.57	0.55	34.86	27.99	2.2	0.249	1457.1
320.0	0.60	0.58	34.87	27.99	1.9	0.251	1457.4
330.0	0.63	0.61	34.88	27.99	1.6	0.252	1457.7
340.0	0.67	0.65	34.89	28.00	1.3	0.255	1458.6
350.0	0.68	0.66	34.90	28.01	1.1	0.257	1458.7
360.0	0.63	0.62	34.90	28.01	0.9	0.260	1458.9
370.0	0.63	0.61	34.90	28.01	0.7	0.262	1458.9
380.0	0.63	0.61	34.90	28.01	0.5	0.264	1459.1
390.0	0.63	0.61	34.90	28.01	0.4	0.266	1459.3
400.0	0.63	0.61	34.90	28.01	0.3	0.269	1459.5
410.0	0.63	0.61	34.90	28.01	0.2	0.271	1459.5
420.0	0.63	0.61	34.90	28.01	0.1	0.273	1459.6
430.0	0.63	0.61	34.90	28.01	0.0	0.275	1459.8
440.0	0.63	0.61	34.90	28.01	0.0	0.276	1459.9
450.0	0.63	0.61	34.90	28.01	0.0	0.277	1459.9
460.0	0.63	0.61	34.90	28.01	0.0	0.278	1460.1
470.0	0.63	0.61	34.90	28.01	0.0	0.280	1460.4
480.0	0.63	0.61	34.90	28.01	0.0	0.281	1460.5
490.0	0.63	0.61	34.90	28.01	0.0	0.283	1460.7
500.0	0.63	0.61	34.90	28.01	0.0	0.285	1460.8
510.0	0.63	0.61	34.90	28.01	0.0	0.286	1461.0
520.0	0.63	0.61	34.90	28.01	0.0	0.288	1461.1
530.0	0.63	0.61	34.90	28.01	0.0	0.290	1461.2
540.0	0.63	0.61	34.90	28.01	0.0	0.292	1461.3
550.0	0.63	0.61	34.90	28.01	0.0	0.294	1461.4
560.0	0.63	0.61	34.90	28.01	0.0	0.296	1461.5
570.0	0.63	0.61	34.90	28.01	0.0	0.298	1461.6
580.0	0.63	0.61	34.90	28.01	0.0	0.300	1461.7
590.0	0.63	0.61	34.90	28.01	0.0	0.302	1461.8
600.0	0.63	0.61	34.90	28.01	0.0	0.304	1461.9
610.0	0.63	0.61	34.90	28.01	0.0	0.306	1462.0
620.0	0.63	0.61	34.90	28.01	0.0	0.308	1462.1
630.0	0.63	0.61	34.90	28.01	0.0	0.310	1462.2
640.0	0.63	0.61	34.90	28.01	0.0	0.312	1462.3
650.0	0.63	0.61	34.90	28.01	0.0	0.314	1462.4
660.0	0.63	0.61	34.90	28.01	0.0	0.316	1462.5
670.0	0.63	0.61	34.90	28.01	0.0	0.318	1462.6
680.0	0.63	0.61	34.90	28.01	0.0	0.320	1462.7
690.0	0.63	0.61	34.90	28.01	0.0	0.322	1462.8

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
DEPTH 3.6  
TEMP -1.76  
SALIN 32.43  
384.0  
697.5  
0.69  
34.88  
34.90

FRAM 1 STATION 71(1) CTD 30/APR/1979 1301 GMT CODE = 1  
LAT = 84.1884N LNG = 7.9153W LTER = 4. LGER = 11.  
AIR TEMP = -21.0 BAROM = 1037.7 WIND = 283.0 SPEED = 4.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.77	-1.77	32.46	14	188.3	0.000	1437.4
3	-1.77	-1.77	32.46	14	188.3	0.006	1437.4
5	-1.77	-1.77	32.45	14	188.5	0.009	1437.5
10	-1.77	-1.77	32.45	13	188.9	0.019	1437.5
15	-1.77	-1.77	32.45	14	187.3	0.028	1437.6
20	-1.77	-1.77	32.47	15	187.4	0.038	1437.7
25	-1.77	-1.77	32.47	15	187.7	0.047	1437.8
30	-1.77	-1.77	32.47	14	187.4	0.057	1437.9
35	-1.77	-1.77	32.47	14	187.6	0.066	1438.0
40	-1.77	-1.77	32.46	14	187.7	0.076	1438.0
45	-1.77	-1.77	32.47	14	187.7	0.085	1438.1
50	-1.77	-1.77	32.47	15	187.2	0.095	1438.2
55	-1.76	-1.76	32.52	19	183.3	0.104	1438.4
60	-1.75	-1.75	32.65	30	173.0	0.113	1438.7
65	-1.76	-1.76	32.73	36	167.1	0.122	1438.9
70	-1.77	-1.77	32.77	51	163.9	0.130	1439.0
80	-1.74	-1.74	32.91	74	152.9	0.146	1439.5
90	-1.64	-1.64	33.21	74	130.6	0.160	1440.4
100	-1.47	-1.47	33.54	25	103.1	0.172	1441.2
110	-1.46	-1.46	33.84	25	82.7	0.181	1442.0
120	-1.39	-1.39	34.17	52	58.6	0.189	1443.0
130	-1.28	-1.28	34.26	58	50.8	0.195	1443.7
140	-1.14	-1.14	34.34	64	45.2	0.201	1444.4
150	-0.99	-0.99	34.46	73	40.0	0.205	1444.5
160	-0.87	-0.87	34.50	76	36.4	0.210	1444.6
170	-0.73	-0.74	34.54	79	34.1	0.217	1444.7
180	-0.59	-0.60	34.58	82	31.6	0.221	1444.9
190	-0.44	-0.44	34.62	84	29.0	0.224	1449.0
200	-0.34	-0.35	34.66	86	26.7	0.229	1450.6
210	-0.22	-0.23	34.69	88	24.2	0.231	1451.4
220	-0.08	-0.09	34.73	91	22.0	0.234	1452.2
230	0.06	0.05	34.76	93	20.7	0.236	1453.1
240	0.19	0.18	34.79	94	18.9	0.237	1453.3
250	0.28	0.27	34.80	95	17.3	0.239	1454.8
260	0.31	0.30	34.82	96	16.1	0.241	1455.5
270	0.37	0.36	34.84	97	15.1	0.242	1455.6
280	0.46	0.45	34.85	97	14.4	0.244	1455.6
290	0.51	0.49	34.85	98	13.8	0.245	1455.6
300	0.54	0.53	34.86	99	13.3	0.247	1455.6
310	0.56	0.55	34.86	99	13.4	0.248	1456.7
320	0.57	0.56	34.87	99	13.5	0.250	1457.7
330	0.62	0.60	34.87	99	13.2	0.251	1457.7
340	0.67	0.65	34.89	00	12.5	0.254	1458.6
350	0.68	0.67	34.90	00	12.1	0.255	1458.7
360	0.63	0.61	34.90	01	11.2	0.259	1458.7
370	0.63	0.61	34.90	01	11.2	0.261	1458.8
380	0.63	0.61	34.90	01	11.0	0.263	1458.8
390	0.63	0.61	34.90	01	11.0	0.265	1458.8
400	0.63	0.61	34.90	01	11.0	0.266	1458.8
410	0.63	0.61	34.90	02	11.0	0.268	1458.8
420	0.63	0.61	34.90	02	11.0	0.270	1458.8
430	0.63	0.61	34.90	03	10.3	0.272	1458.8
440	0.63	0.61	34.90	03	9.7	0.274	1458.8
450	0.63	0.61	34.90	04	9.7	0.276	1458.8
460	0.63	0.61	34.90	04	9.7	0.278	1458.8
470	0.63	0.61	34.90	04	8.8	0.280	1458.8
480	0.63	0.61	34.90	04	8.8	0.281	1458.8
490	0.63	0.61	34.90	05	8.7	0.283	1458.8
500	0.63	0.61	34.90	05	8.7	0.285	1458.8
510	0.63	0.61	34.90	05	8.7	0.286	1458.8
520	0.63	0.61	34.90	05	8.7	0.288	1458.8
530	0.63	0.61	34.90	05	8.7	0.289	1458.8
540	0.63	0.61	34.90	05	8.7	0.290	1458.8
550	0.63	0.61	34.90	05	8.7	0.291	1458.8
560	0.63	0.61	34.90	05	8.7	0.292	1458.8
570	0.63	0.61	34.90	05	8.7	0.293	1458.8
580	0.63	0.61	34.90	05	8.7	0.294	1458.8
590	0.63	0.61	34.90	05	8.7	0.295	1458.8
600	0.63	0.61	34.90	05	8.7	0.296	1458.8





FRAM 1 STATION 72(1) CTD 30/APR/1979 1912 GMT CODE = 1  
LAT = 84.1739N LNG = 7.7871W LTER = 1. LGER = 1.7  
AIR TEMP = -21.0 BAROM = 1034.0 WIND = 283.0 SPEED = 4.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.77	-1.77	32.47	26.15	187.7	0.000	1437.4
0	-1.77	-1.77	32.47	26.15	187.7	0.006	1437.4
3	-1.77	-1.77	32.47	26.14	188.1	0.009	1437.5
5	-1.77	-1.77	32.47	26.15	188.5	0.019	1437.6
10	-1.77	-1.77	32.47	26.15	188.2	0.028	1437.7
15	-1.77	-1.77	32.47	26.15	187.4	0.038	1437.8
20	-1.77	-1.77	32.47	26.15	187.7	0.047	1437.9
25	-1.77	-1.77	32.47	26.14	187.5	0.057	1438.0
30	-1.77	-1.77	32.47	26.14	187.3	0.066	1438.0
35	-1.77	-1.77	32.47	26.15	187.3	0.076	1438.0
40	-1.77	-1.77	32.47	26.15	187.3	0.085	1438.0
45	-1.77	-1.77	32.47	26.15	186.0	0.094	1438.1
50	-1.77	-1.77	32.47	26.16	185.4	0.104	1438.5
55	-1.77	-1.77	32.47	26.16	185.4	0.112	1438.7
60	-1.76	-1.76	32.47	26.33	170.1	0.121	1438.8
65	-1.78	-1.78	32.79	26.41	166.9	0.129	1439.0
70	-1.78	-1.78	32.80	26.50	161.9	0.145	1439.6
80	-1.71	-1.72	32.91	26.74	153.2	0.159	1440.6
90	-1.63	-1.63	33.20	27.04	131.1	0.171	1441.3
100	-1.62	-1.62	33.57	27.27	102.5	0.188	1442.4
110	-1.51	-1.51	33.07	27.43	65.0	0.194	1443.1
120	-1.45	-1.46	34.17	27.51	57.4	0.199	1444.3
130	-1.38	-1.38	34.25	27.58	45.3	0.208	1444.5
140	-1.30	-1.30	34.33	27.64	41.1	0.212	1444.6
150	-1.18	-1.19	34.40	27.68	37.6	0.216	1444.8
160	-1.01	-1.01	34.45	27.72	34.5	0.219	1444.9
170	-0.89	-0.89	34.50	27.76	32.1	0.222	1445.4
180	-0.74	-0.75	34.54	27.81	29.7	0.225	1445.5
190	-0.61	-0.61	34.59	27.84	26.8	0.228	1445.6
200	-0.46	-0.46	34.63	27.86	22.9	0.230	1445.7
210	-0.33	-0.34	34.66	27.88	22.2	0.233	1445.8
220	-0.21	-0.22	34.69	27.90	22.1	0.235	1445.9
230	-0.07	-0.08	34.73	27.92	19.9	0.238	1445.9
240	0.07	0.06	34.76	27.94	17.4	0.240	1445.5
250	0.19	0.18	34.79	27.95	15.6	0.242	1445.6
260	0.29	0.28	34.81	27.97	14.4	0.243	1445.6
270	0.36	0.35	34.84	27.98	14.0	0.244	1445.6
280	0.46	0.44	34.85	27.98	14.0	0.246	1445.6
290	0.51	0.49	34.86	27.98	14.0	0.247	1445.7
300	0.54	0.53	34.87	27.99	13.4	0.249	1445.7
310	0.56	0.55	34.87	27.99	13.3	0.250	1445.8
320	0.57	0.56	34.87	27.99	13.3	0.253	1445.8
330	0.61	0.59	34.88	28.00	12.5	0.255	1445.8
340	0.63	0.62	34.89	28.00	12.1	0.258	1445.8
350	0.68	0.67	34.89	28.01	11.2	0.260	1445.9
360	0.64	0.62	34.89	28.01	11.1	0.263	1445.9
370	0.60	0.58	34.90	28.02	11.0	0.265	1445.9
380	0.58	0.56	34.90	28.02	10.9	0.267	1445.9
390	0.54	0.52	34.91	28.03	10.8	0.271	1445.9
400	0.45	0.42	34.91	28.03	9.9	0.273	1445.9
410	0.40	0.37	34.91	28.03	9.9	0.275	1445.9
420	0.35	0.33	34.91	28.04	8.8	0.277	1446.0
430	0.26	0.23	34.91	28.04	8.8	0.278	1446.0
440	0.19	0.17	34.91	28.04	8.8	0.280	1446.0
450	0.12	0.09	34.91	28.04	8.8	0.282	1446.0
460	0.09	0.05	34.90	28.04	8.8	0.283	1446.0
470	0.08	0.05	34.90	28.04	8.8	0.285	1446.0
480	0.08	0.05	34.90	28.04	8.8	0.286	1446.1

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

DEPTH 3.6  
45.7  
383.2  
697.7

TEMP. -1.77  
-1.78  
0.69  
0.09

SALIN 32.46  
32.47  
34.88  
34.90

FRAM 1 STATION 73(1) CTD 1/MAY/1979 707 GMT CODE = 1  
LAT = 84.1424N LNG = 7.5361W LTER = 0. LGER = 1.2  
AIR TEMP = -18.9 BAROM = 1026.5 WIND = 300.0 SPEED = 7.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.77	-1.77	32.47	26.14	187.9	0.000	1437.4
3	-1.77	-1.77	32.47	26.15	187.9	0.006	1437.5
5	-1.77	-1.77	32.47	26.15	187.3	0.009	1437.5
10	-1.77	-1.77	32.47	26.15	187.4	0.019	1437.6
15	-1.77	-1.77	32.47	26.15	187.2	0.028	1437.7
20	-1.77	-1.77	32.47	26.15	186.9	0.038	1437.8
25	-1.77	-1.77	32.48	26.15	186.7	0.047	1437.9
30	-1.77	-1.77	32.48	26.15	186.6	0.057	1438.0
35	-1.77	-1.77	32.48	26.16	186.6	0.066	1438.0
40	-1.77	-1.77	32.48	26.16	186.6	0.075	1438.0
45	-1.77	-1.77	32.48	26.16	186.6	0.085	1438.0
50	-1.78	-1.78	32.53	26.20	182.3	0.094	1438.1
55	-1.78	-1.78	32.60	26.25	177.7	0.103	1438.5
60	-1.78	-1.78	32.69	26.39	170.0	0.112	1438.6
65	-1.78	-1.78	32.81	26.42	164.0	0.120	1438.9
70	-1.76	-1.77	32.89	26.49	154.1	0.128	1439.0
80	-1.65	-1.65	33.16	26.70	134.6	0.144	1439.6
90	-1.50	-1.50	33.84	27.08	107.7	0.159	1440.4
100	-1.48	-1.48	34.02	27.25	82.2	0.171	1441.3
110	-1.40	-1.40	34.15	27.40	68.8	0.181	1442.0
120	-1.30	-1.30	34.25	27.50	58.8	0.188	1443.0
130	-1.19	-1.19	34.32	27.58	51.1	0.195	1444.4
140	-1.08	-1.07	34.39	27.63	45.1	0.205	1444.5
150	-0.88	-0.89	34.44	27.72	41.1	0.209	1444.6
160	-0.77	-0.77	34.49	27.75	38.2	0.217	1444.7
170	-0.65	-0.66	34.53	27.78	35.2	0.217	1444.7
180	-0.49	-0.50	34.57	27.80	30.7	0.221	1444.9
190	-0.37	-0.38	34.61	27.83	27.7	0.224	1445.0
200	-0.22	-0.22	34.65	27.85	25.4	0.227	1445.1
210	-0.09	-0.10	34.69	27.88	23.4	0.229	1445.1
220	0.06	0.05	34.73	27.90	21.1	0.232	1445.2
230	0.19	0.18	34.77	27.93	18.8	0.234	1445.3
240	0.29	0.28	34.80	27.95	17.0	0.236	1445.3
250	0.37	0.36	34.81	27.97	15.1	0.241	1445.4
260	0.46	0.45	34.84	27.98	14.4	0.243	1445.4
270	0.51	0.50	34.85	27.98	14.0	0.244	1445.5
280	0.54	0.53	34.85	27.98	14.0	0.246	1445.6
290	0.56	0.55	34.86	27.98	14.0	0.247	1445.6
300	0.57	0.56	34.87	27.99	13.6	0.249	1445.7
310	0.60	0.59	34.88	28.00	13.3	0.251	1445.7
320	0.63	0.61	34.89	28.00	12.7	0.254	1445.7
330	0.64	0.62	34.89	28.01	12.1	0.257	1445.8
340	0.60	0.58	34.90	28.01	11.9	0.259	1445.8
350	0.55	0.53	34.90	28.02	11.1	0.264	1445.9
360	0.47	0.45	34.91	28.02	10.9	0.268	1445.9
370	0.41	0.39	34.91	28.03	10.8	0.270	1445.9
380	0.36	0.33	34.90	28.03	9.9	0.272	1445.9
390	0.32	0.29	34.90	28.03	9.9	0.274	1445.9
400	0.22	0.20	34.91	28.04	8.8	0.276	1446.0
410	0.18	0.16	34.91	28.04	8.8	0.280	1446.0
420	0.12	0.09	34.91	28.04	8.8	0.282	1446.0
430	0.08	0.05	34.91	28.05	8.8	0.283	1446.0
440	0.08	0.05	34.91	28.05	8.8	0.285	1446.0
450	0.08	0.05	34.91	28.05	8.8	0.286	1446.1

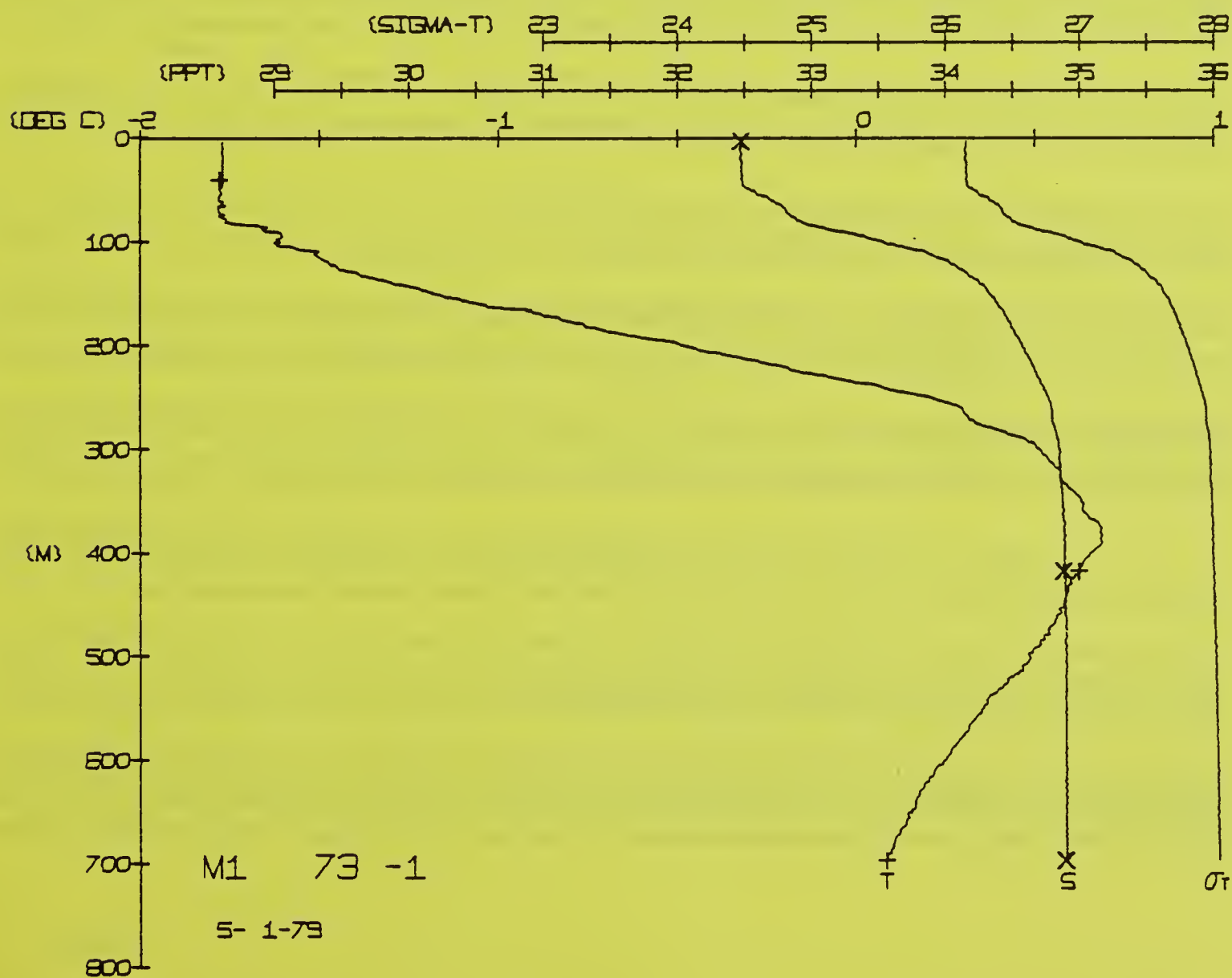
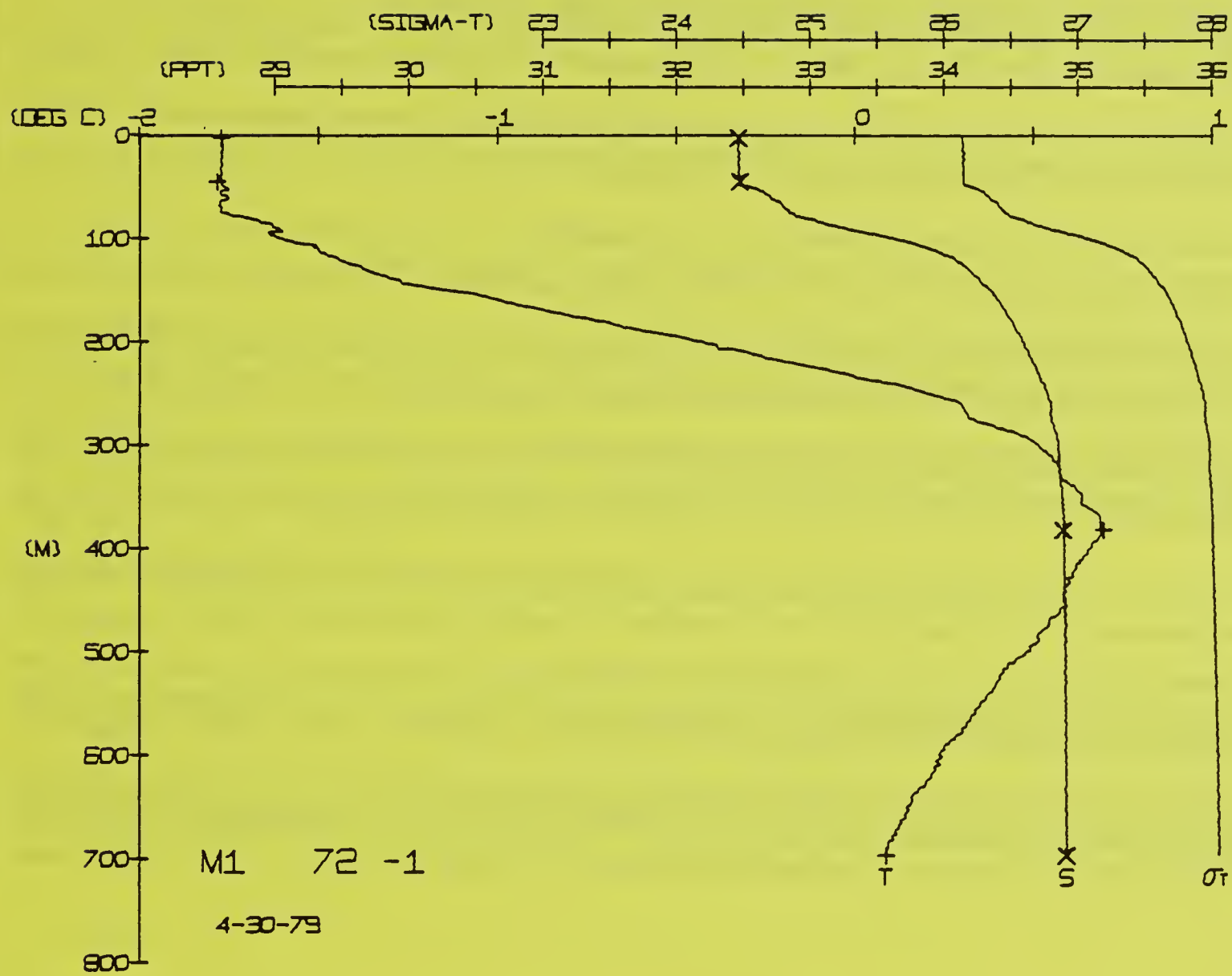
BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

DEPTH 3.4  
40.2  
418.6  
698.2

TEMP. -1.78  
-1.78  
0.63  
0.09

SALIN 32.47  
34.88  
34.90





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FRAM 1 STATION 74(1) CTD 1/MAY/1979 1254 GMT CODE = 1
LAT = 84.1204N LNG = 7.3998W LTER = 0. LGER = 0.
AIR TEMP = -18.9 BAROM = 1025.2 WIND = 300.0 SPEED = 7.2

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FRAM 1 STATION 75(1) CTD 1/MAY/1979 1900 GMT CODE = 1
LAT = 84. 0991N LNG = 7.3065W LTER = 1. LGER = 2.
AIR TEMP = BARDM = 1024.5 WIND = 303.0 SPEED = 5.1

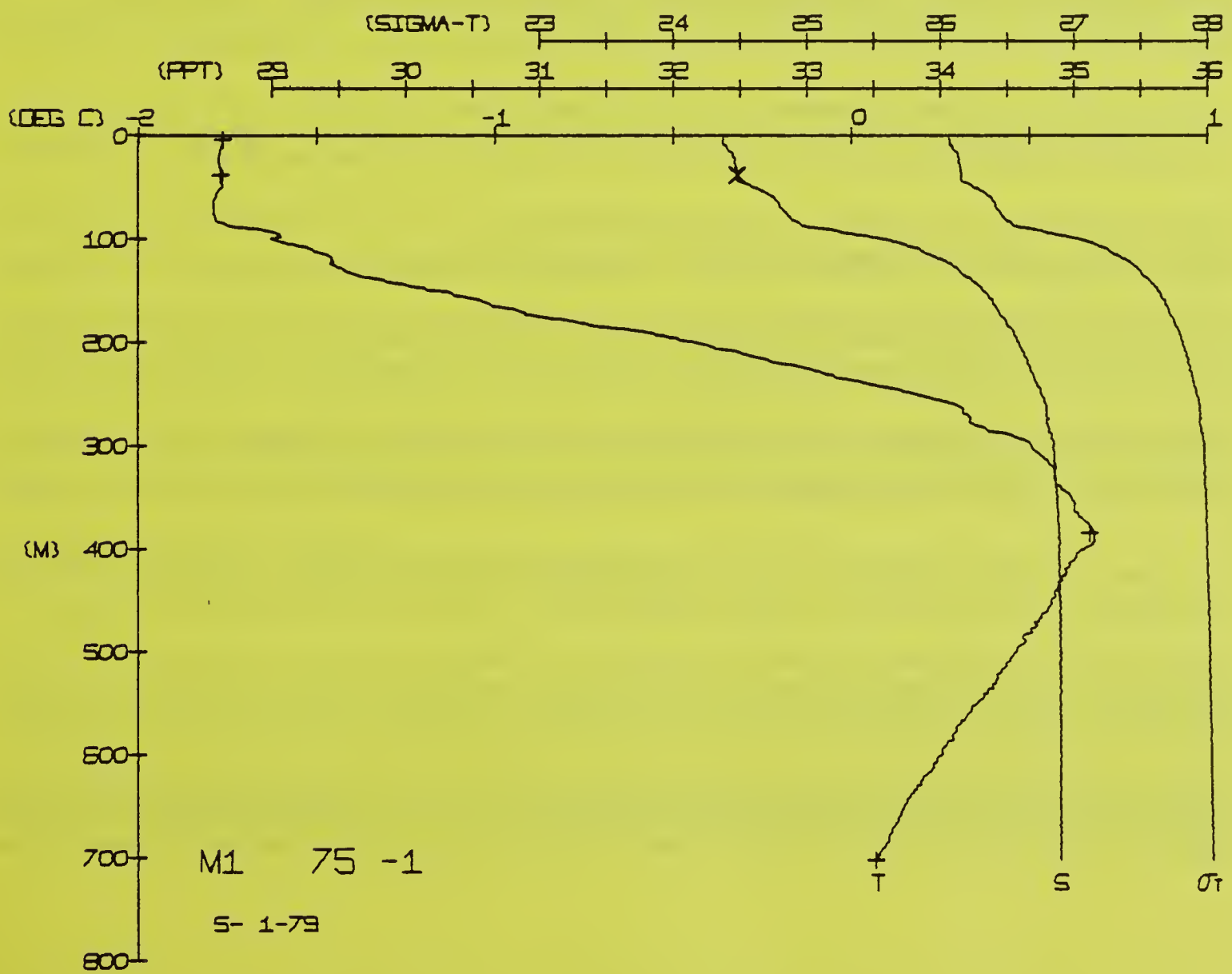
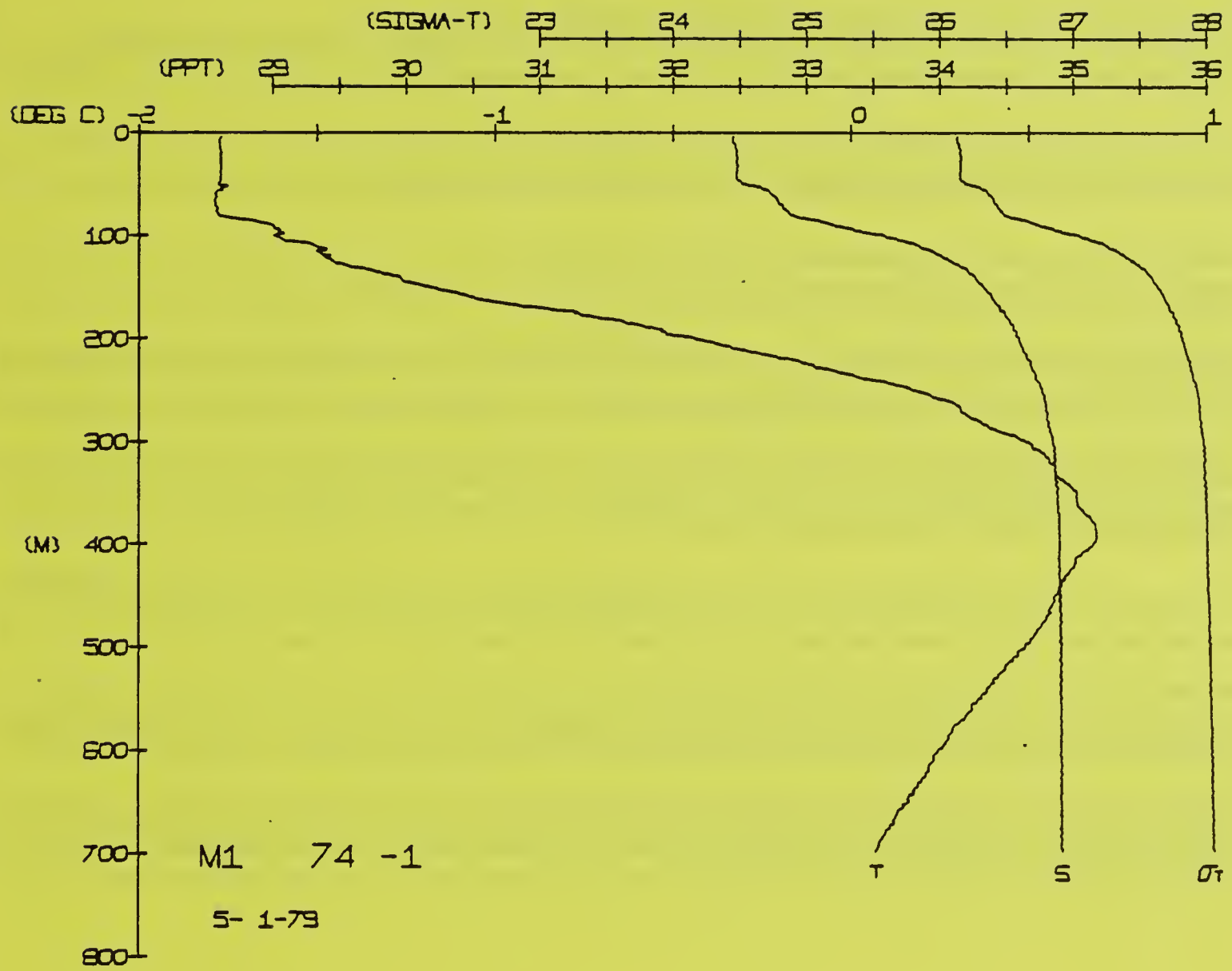
```

DEPTH	TEMP	PTEMP	SALIN	SIG	T	SPVOL	DYNHT	SOUND
0.1	77	-1.77	32.45	26.13	1313	188.8	0.006	1437.4
3.0	77	-1.77	32.45	26.13	1313	188.8	0.006	1437.4
10.0	77	-1.77	32.46	26.14	1314	188.9	0.010	1437.5
15.0	77	-1.77	32.47	26.15	1315	188.7	0.028	1437.6
25.0	77	-1.77	32.48	26.15	1315	186.4	0.047	1437.8
30.0	77	-1.77	32.48	26.15	1315	186.4	0.057	1437.9
35.0	77	-1.77	32.48	26.15	1315	186.4	0.066	1438.0
40.0	77	-1.77	32.48	26.15	1315	186.4	0.075	1438.1
45.0	77	-1.77	32.53	26.15	1315	186.4	0.085	1438.1
50.0	77	-1.77	32.66	26.20	1315	186.4	0.094	1438.3
55.0	77	-1.77	32.73	26.31	1317	172.2	0.103	1438.6
60.0	77	-1.77	32.78	26.40	1316	166.3	0.112	1438.7
65.0	77	-1.77	32.88	26.48	1316	161.3	0.128	1438.8
70.0	78	-1.78	33.19	26.73	1315	155.2	0.144	1439.3
80.0	63	-1.63	33.55	27.02	1314	131.1	0.159	1440.6
90.0	51	-1.51	33.83	27.37	1304	83.5	0.171	1441.3
100.0	46	-1.46	34.01	27.50	1277	59.5	0.188	1442.4
110.0	41	-1.41	34.15	27.58	1277	50.9	0.194	1443.6
120.0	29	-1.29	34.26	27.63	1277	46.2	0.205	1444.5
130.0	19	-1.19	34.38	27.76	1277	41.2	0.209	1445.0
140.0	07	-0.07	34.54	27.81	1277	38.4	0.213	1447.1
150.0	57	-0.57	34.78	27.94	1277	17.4	0.220	1449.9
160.0	44	-0.44	34.80	27.95	1277	16.1	0.237	1454.4
170.0	35	-0.35	34.85	27.96	1277	16.1	0.241	1455.6
180.0	41	-0.41	34.87	27.99	1277	13.3	0.247	1457.1
190.0	55	-0.55	34.89	28.00	1278	11.0	0.259	1458.8
200.0	61	-0.61	34.91	28.02	1278	10.4	0.268	1459.5
210.0	51	-0.51	34.90	28.02	1278	9.7	0.270	1459.6
220.0	46	-0.46	34.91	28.03	1278	9.2	0.272	1459.7
230.0	35	-0.35	34.90	28.03	1278	8.8	0.274	1459.8
240.0	23	-0.23	34.90	28.04	1278	8.7	0.280	1460.4
250.0	16	-0.16	34.91	28.04	1278	8.7	0.283	1460.6
260.0	08	-0.08	34.91	28.05	1278	7.7	0.287	1460.9
270.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
280.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
290.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
300.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
310.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
320.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
330.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
340.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
350.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
360.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
370.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
380.0	00	-0.00	34.91	28.05	1278	7.2	0.287	1460.9
390.0	00	-0.00	34.91	28.05				

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DVNH	SOUND
0.1	76	76	37	07	195	0	1437
3.0	77	77	37	07	195	0	1437
5.0	77	77	38	08	194	0	1437
10.0	77	77	39	08	193	0	1437
15.0	77	77	42	10	191	0	1437
20.0	77	77	45	13	189	0	1437
25.0	77	77	46	14	187	0	1437
30.0	77	77	46	14	187	0	1437
35.0	76	77	48	16	185	0	1438
40.0	76	77	48	16	185	0	1438
45.0	77	77	50	17	184	0	1438
50.0	77	77	60	25	177	0	1438
55.0	78	78	69	33	170	0	1438
60.0	79	79	75	38	165	0	1438
65.0	79	79	81	40	160	0	1438
70.0	78	79	89	48	155	0	1439
80.0	71	71	07	63	141	0	1440
90.0	63	63	56	03	103	0	1441
100.0	52	52	33	27	82	0	1442
110.0	46	46	34	39	69	0	1443
120.0	42	43	01	49	59	0	1443
130.0	42	43	14	57	52	0	1444
140.0	42	43	24	63	46	0	1445
150.0	43	44	38	71	41	0	1446
160.0	43	44	44	75	38	0	1446
170.0	45	45	55	82	31	0	1449
180.0	45	45	59	84	29	0	1450
190.0	45	45	62	86	26	0	1451
200.0	45	45	65	88	25	0	1452
210.0	45	45	69	90	22	0	1453
220.0	45	45	72	92	21	0	1453
230.0	45	45	76	94	19	0	1454
240.0	45	45	79	94	17	0	1454
250.0	45	45	80	94	15	0	1455
260.0	45	45	83	97	14	0	1455
270.0	45	45	85	98	14	0	1456
280.0	45	45	86	98	14	0	1456
290.0	45	45	87	99	14	0	1457
300.0	45	45	88	00	13	0	1458
310.0	45	45	89	01	12	0	1458
320.0	45	45	89	01	12	0	1459
330.0	45	45	90	02	11	0	1459
340.0	45	45	91	02	10	0	1459
350.0	45	45	91	03	9	0	1459
360.0	45	45	91	03	9	0	1459
370.0	45	45	91	04	8	0	1460
380.0	45	45	91	04	8	0	1460
390.0	45	45	91	04	8	0	1460
400.0	45	45	91	04	8	0	1460
410.0	45	45	91	04	8	0	1460
420.0	45	45	91	04	8	0	1460
430.0	45	45	91	04	8	0	1460
440.0	45	45	91	04	8	0	1460
450.0	45	45	91	04	8	0	1460
460.0	45	45	91	04	8	0	1460
470.0	45	45	91	04	8	0	1460
480.0	45	45	91	04	8	0	1460
490.0	45	45	91	04	8	0	1460
500.0	45	45	91	04	8	0	1460
510.0	45	45	91	04	8	0	1460
520.0	45	45	91	04	8	0	1460
530.0	45	45	91	04	8	0	1460
540.0							

BOT	NUM = 1	3.6	-1.76	32.48
BOT	NUM = 2	38.0	-1.77	
BOT	NUM = 3	385.7	0.67	
BOT	NUM = 4	703.4	0.07	





FRAM 1 STATION 76(1) CTD 2/MAY/1979 726 GMT CODE = 1  
LAT = 84.0644N LNG = 7.2461W LTER = 1. LGER = 1.  
AIR TEMP = 1027.9 WIND = 303.0 SPEED = 5.1  
BAROM = 1027.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.77	-1.77	32.49	26.16	186.1	0.000	1437.5
3.0	-1.77	-1.77	32.49	26.16	186.1	0.006	1437.5
5.0	-1.76	-1.77	32.49	26.16	186.2	0.009	1437.5
10.0	-1.76	-1.76	32.48	26.16	186.5	0.019	1437.6
15.0	-1.76	-1.76	32.48	26.16	186.5	0.028	1437.7
20.0	-1.76	-1.76	32.48	26.16	186.3	0.047	1437.8
25.0	-1.76	-1.76	32.49	26.16	186.1	0.056	1437.9
30.0	-1.76	-1.76	32.49	26.16	185.0	0.066	1438.1
35.0	-1.76	-1.76	32.50	26.17	185.3	0.075	1438.1
40.0	-1.76	-1.76	32.49	26.17	185.7	0.084	1438.2
45.0	-1.77	-1.77	32.57	26.23	179.3	0.093	1438.4
50.0	-1.77	-1.77	32.62	26.27	175.4	0.102	1438.5
55.0	-1.77	-1.77	32.67	26.31	171.6	0.111	1438.6
60.0	-1.78	-1.78	32.72	26.35	167.9	0.120	1438.8
65.0	-1.78	-1.78	32.76	26.38	164.9	0.128	1438.9
70.0	-1.78	-1.78	32.85	26.46	157.4	0.144	1439.3
80.0	-1.77	-1.77	33.10	26.66	138.7	0.159	1440.3
90.0	-1.65	-1.65	33.42	26.91	114.4	0.172	1441.2
100.0	-1.54	-1.54	33.76	27.19	88.1	0.182	1442.1
110.0	-1.54	-1.54	33.99	27.37	70.0	0.190	1442.9
120.0	-1.48	-1.48	34.13	27.48	60.0	0.197	1443.5
130.0	-1.43	-1.44	34.24	27.57	51.0	0.202	1444.3
140.0	-1.32	-1.32	34.36	27.63	43.8	0.212	1445.1
150.0	-1.21	-1.21	34.41	27.70	39.9	0.216	1445.8
160.0	-1.11	-1.12	34.47	27.74	36.4	0.220	1447.5
170.0	-0.98	-0.98	34.51	27.79	33.8	0.224	1448.4
180.0	-0.84	-0.85	34.55	27.82	31.0	0.227	1449.3
190.0	-0.71	-0.71	34.57	27.85	28.3	0.230	1450.2
200.0	-0.57	-0.57	34.60	27.87	25.5	0.233	1451.1
210.0	-0.39	-0.40	34.65	27.89	23.8	0.235	1452.0
220.0	-0.25	-0.26	34.71	27.92	21.9	0.237	1452.9
230.0	-0.12	-0.13	34.87	27.99	19.7	0.240	1453.6
240.0	0.04	0.03	34.88	27.99	17.1	0.243	1454.4
250.0	0.14	0.13	34.85	27.97	14.8	0.247	1455.2
260.0	0.25	0.24	34.80	27.95	12.2	0.245	1455.6
270.0	0.31	0.30	34.82	27.96	10.0	0.248	1456.2
280.0	0.34	0.33	34.84	27.99	8.5	0.251	1456.7
290.0	0.41	0.39	34.87	27.99	7.1	0.254	1457.1
300.0	0.54	0.52	34.86	27.98	6.4	0.255	1457.7
310.0	0.54	0.55	34.86	27.98	5.5	0.258	1458.1
320.0	0.56	0.57	34.87	27.99	4.4	0.261	1458.8
330.0	0.58	0.57	34.87	27.99	3.5	0.263	1459.1
340.0	0.62	0.61	34.88	27.99	2.7	0.266	1459.4
350.0	0.66	0.64	34.90	28.00	2.0	0.268	1459.9
360.0	0.68	0.66	34.89	28.01	1.2	0.270	1460.4
370.0	0.65	0.63	34.90	28.01	0.6	0.272	1460.8
380.0	0.60	0.58	34.90	28.01	0.0	0.275	1460.9
390.0	0.57	0.55	34.90	28.01	0.0	0.277	1460.9
400.0	0.55	0.53	34.91	28.02	0.0	0.279	1460.9
410.0	0.52	0.50	34.91	28.02	0.0	0.281	1460.9
420.0	0.47	0.44	34.90	28.03	0.0	0.282	1460.9
430.0	0.42	0.40	34.91	28.04	0.0	0.284	1460.9
440.0	0.36	0.33	34.91	28.04	0.0	0.286	1460.9
450.0	0.29	0.26	34.91	28.04	0.0	0.288	1460.9
460.0	0.24	0.21	34.91	28.05	0.0	0.291	1461.1
470.0	0.16	0.13	34.91	28.05	0.0	0.291	1461.1
480.0	0.09	0.06	34.91	28.05	0.0	0.291	1461.1
490.0	0.08	0.05	34.91	28.05	0.0	0.291	1461.1

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4

DEPTH 3.4  
45.6  
384.1  
384.9

TEMP -1.77  
0.69  
0.69

SALIN 32.48  
32.49  
34.88  
34.89

FRAM 1 STATION 77(1) CTD 2/MAY/1979 1338 GMT CODE = 1  
LAT = 84.0390N LNG = 7.2701W LTER = 0. LGER = 0.  
AIR TEMP = -15.4 BAROM = 1032.9 WIND = 343.0 SPEED = 7.3

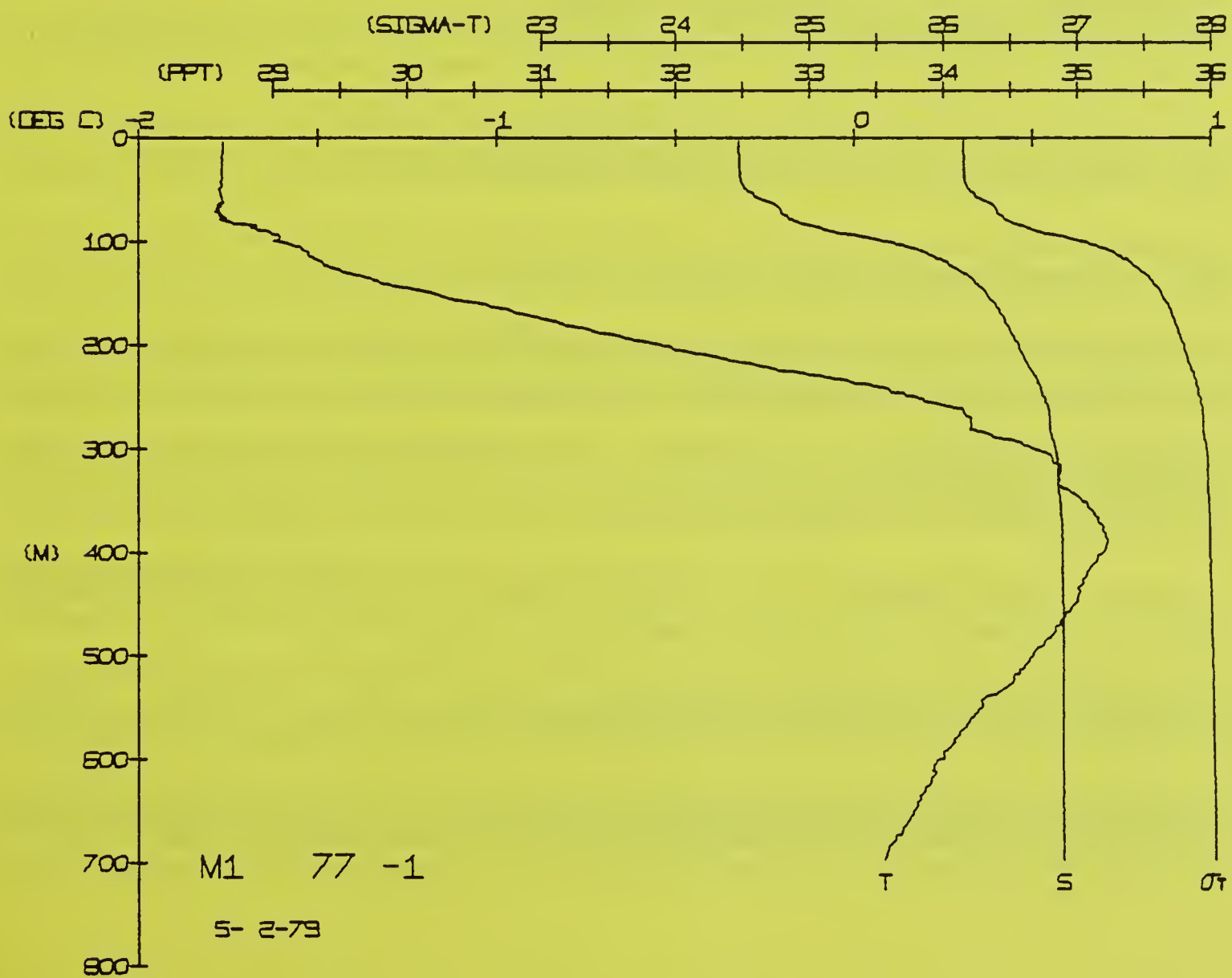
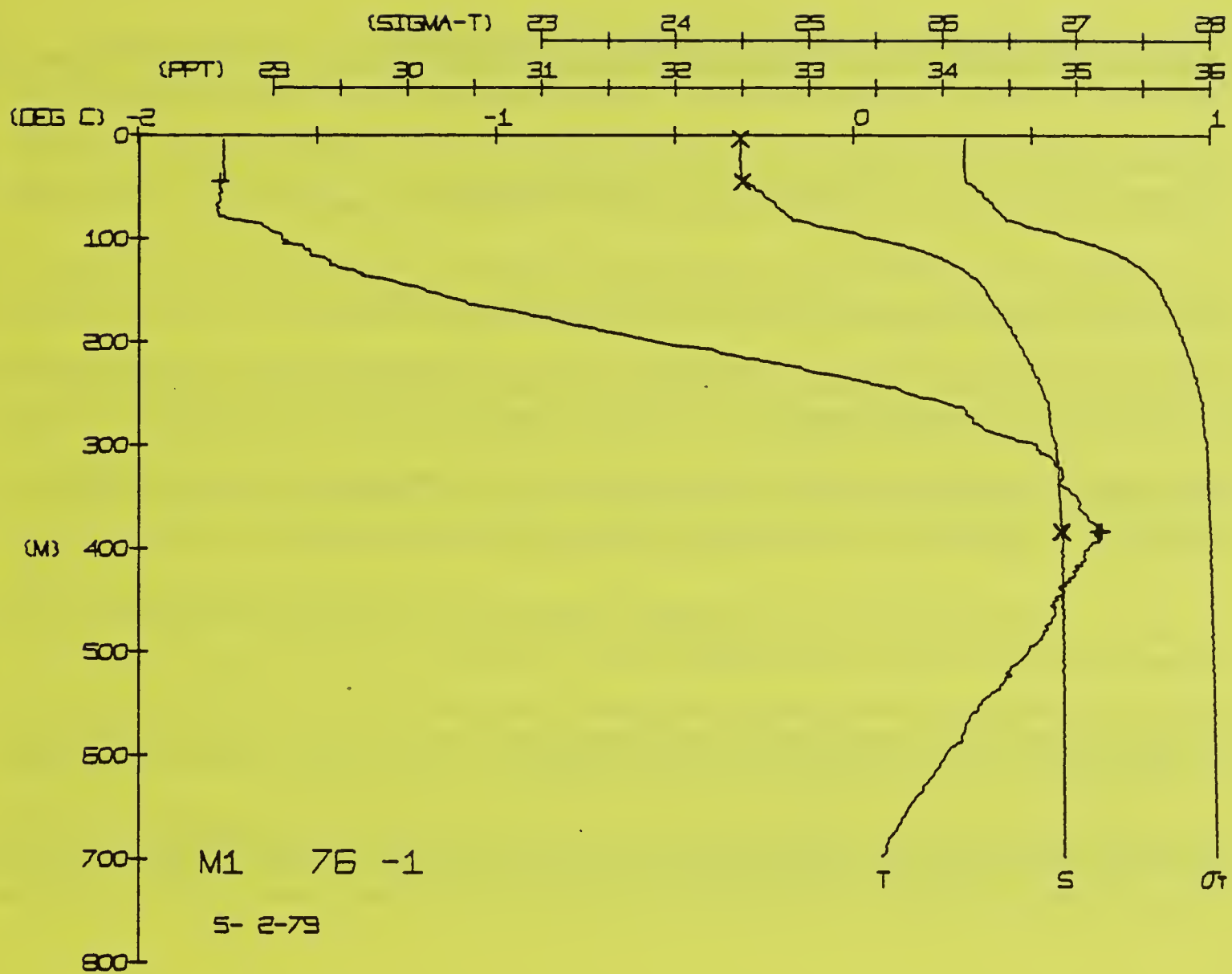
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.76	-1.76	32.48	26.15	187.1	0.000	1437.4
3.1	-1.76	-1.76	32.48	26.15	187.1	0.006	1437.5
5.0	-1.76	-1.76	32.47	26.15	187.1	0.009	1437.5
10.0	-1.76	-1.76	32.48	26.15	187.6	0.019	1437.6
15.0	-1.77	-1.77	32.48	26.15	187.9	0.028	1437.7
20.0	-1.77	-1.77	32.48	26.15	186.7	0.047	1437.8
25.0	-1.77	-1.77	32.48	26.16	186.4	0.056	1437.9
30.0	-1.77	-1.77	32.49	26.16	185.9	0.066	1438.1
35.0	-1.77	-1.77	32.50	26.17	184.8	0.075	1438.2
40.0	-1.77	-1.77	32.53	26.19	182.5	0.084	1438.4
45.0	-1.77	-1.77	32.58	26.24	178.3	0.093	1438.5
50.0	-1.77	-1.77	32.64	26.28	174.4	0.102	1438.6
55.0	-1.78	-1.78	32.75	26.37	165.6	0.111	1438.8
60.0	-1.78	-1.78	32.87	26.47	155.4	0.120	1438.9
65.0	-1.76	-1.76	33.14	26.69	135.4	0.128	1439.3
70.0	-1.64	-1.64	33.55	27.02	104.5	0.144	1440.3
80.0	-1.53	-1.53	33.85	27.26	81.1	0.159	1441.2
90.0	-1.49	-1.49	34.03	27.40	67.9	0.172	1442.1
100.0	-1.43	-1.43	34.14	27.49	59.2	0.182	1442.9
110.0	-1.42	-1.42	34.24	27.57	52.0	0.190	1443.5
120.0	-1.39	-1.39	34.33	27.63	46.0	0.197	1444.3
130.0	-1.33	-1.33	34.43	27.71	41.9	0.202	1445.1
140.0	-1.27	-1.27	34.48	27.74	38.7	0.212	1445.8
150.0	-1.19	-1.19	34.52	27.77	35.7	0.216	1447.5
160.0	-1.06	-1.06	34.57	27.80	33.0	0.220	1448.4
170.0	-0.93	-0.94	34.64	27.83	30.2	0.224	1449.3
180.0	-0.82	-0.82	34.73	27.91	28.8	0.227	1450.2
190.0	-0.69	-0.69	34.79	27.92	27.7	0.230	1451.1
200.0	-0.54	-0.55	34.80	27.95	27.0	0.233	1452.0
210.0	-0.41	-0.41	34.82	27.96	25.7	0.235	1452.9
220.0	-0.27	-0.28	34.85	27.98	24.4	0.237	1453.6
230.0	-0.11	-0.11	34.86	27.99	22.8	0.240	1454.4
240.0	0.05	0.04	34.87	27.99	21.7	0.243	1455.2
250.0	0.17	0.15	34.88	27.99	20.0	0.245	1455.6
260.0	0.27	0.25	34.89	27.99	17.7	0.247	1456.2
270.0	0.32	0.31	34.89	27.99	16.2	0.248	1456.7
280.0	0.33	0.32	34.89	27.99	14.1	0.249	1457.1
290.0	0.40	0.39	34.89	27.99	12.8	0.251	1457.7
300.0	0.50	0.49	34.88	27.99	11.3	0.254	1458.1
310.0	0.56	0.54	34.87	27.99	10.0	0.255	1458.8
320.0	0.58	0.56	34.87	27.99	8.5	0.258	1459.1
330.0	0.60	0.58	34.88	27.99	7.1	0.261	1459.4
340.0	0.64	0.62	34.90	28.00	6.4	0.263	1459.9
350.0	0.68	0.66	34.90	28.01	5.5	0.266	1460.4
360.0	0.64	0.62	34.91	28.01	4.4	0.268	1460.8
370.0	0.58	0.56	34.91	28.02	3.5	0.270	1460.9
380.0	0.53	0.51	34.91	28.02	2.7	0.272	1460.9
390.0	0.48	0.46	34.91	28.03	2.0	0.275	1460.9
400.0	0.43	0.41	34.91	28.03	1.2	0.277	1460.9
410.0	0.36	0.34	34.91	28.04	0.6	0.279	1460.9
420.0	0.31	0.29	34.91	28.04	0.0	0.281	1460.9
430.0	0.27	0.24	34.91	28.04	0.0	0.282	1460.9
440.0	0.22	0.20	34.91	28.05	0.0	0.284	1460.9
450.0	0.17	0.14	34.91	28.05	0.0	0.286	1460.9
460.0	0.14	0.11	34.91	28.05	0.0	0.287	1460.9
470.0	0.10	0.07	34.91	28.05	0.0	0.288	1461.1
480.0	0.09	0.06	34.91	28.05	0.0	0.288	1461.1

DEPTH

TEMP

SALIN





FRAM 1 STATION 78(1) CTD 2/MAY/1979 1906 GMT CODE = 1  
LAT = 84.0157N LNG = 7.2997W LTER = 0. LGER = 1.  
AIR TEMP = -15.4 BAROM = 1037.3 WIND = 343.0 SPEED = 7.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.76	-1.76	32.46	14	188.0	0.000	1437.4
3.0	-1.76	-1.76	32.46	14	187.9	0.006	1437.5
5.0	-1.76	-1.76	32.46	14	188.7	0.009	1437.5
10.0	-1.76	-1.76	32.44	13	189.4	0.019	1437.6
15.0	-1.76	-1.76	32.44	13	189.4	0.029	1437.6
20.0	-1.77	-1.77	32.45	13	188.6	0.038	1437.7
25.0	-1.77	-1.77	32.46	14	188.4	0.048	1437.8
30.0	-1.77	-1.77	32.46	13	188.9	0.057	1437.9
35.0	-1.77	-1.77	32.46	14	188.1	0.067	1438.0
40.0	-1.77	-1.77	32.46	14	187.8	0.076	1438.0
45.0	-1.77	-1.77	32.47	15	187.7	0.085	1438.1
50.0	-1.77	-1.77	32.47	15	187.7	0.095	1438.2
55.0	-1.77	-1.77	32.50	17	184.8	0.104	1438.4
60.0	-1.76	-1.77	32.59	24	177.7	0.113	1438.6
65.0	-1.76	-1.77	32.71	34	168.5	0.122	1438.9
70.0	-1.77	-1.77	32.75	38	165.4	0.131	1439.0
80.0	-1.73	-1.74	33.2.87	47	156.4	0.147	1439.4
90.0	-1.65	-1.65	33.3.16	70	132.2	0.161	1441.0
100.0	-1.60	-1.61	33.3.44	93	112.6	0.174	1442.0
110.0	-1.57	-1.57	33.3.75	118	88.6	0.184	1442.9
120.0	-1.49	-1.49	33.4.00	138	70.1	0.192	1443.6
130.0	-1.42	-1.42	33.4.14	155	59.5	0.199	1444.3
140.0	-1.33	-1.33	33.4.22	161	53.5	0.204	1444.5
150.0	-1.20	-1.20	33.4.30	166	48.6	0.214	1444.6
160.0	-1.07	-1.07	33.4.36	172	40.6	0.218	1444.7
170.0	-0.96	-0.96	33.4.40	176	37.7	0.222	1444.8
180.0	-0.83	-0.84	33.4.45	181	33.1	0.226	1444.9
190.0	-0.67	-0.58	33.4.51	184	29.3	0.232	1445.0
200.0	-0.57	-0.42	33.4.54	184	26.8	0.235	1445.1
210.0	-0.41	-0.26	33.4.59	186	24.2	0.238	1445.2
220.0	-0.25	-0.14	33.4.63	189	22.7	0.242	1445.3
230.0	-0.13	-0.01	33.4.70	192	20.8	0.244	1445.4
240.0	0.00	0.10	33.4.73	193	18.7	0.246	1445.4
250.0	0.11	0.22	33.4.76	194	17.1	0.248	1445.5
260.0	0.23	0.29	33.4.77	195	16.1	0.251	1445.6
270.0	0.30	0.31	33.4.79	197	14.9	0.253	1445.6
280.0	0.41	0.40	33.4.81	197	14.1	0.255	1445.7
290.0	0.50	0.49	33.4.83	197	13.5	0.258	1445.7
300.0	0.58	0.57	33.4.85	197	12.7	0.262	1445.8
310.0	0.56	0.54	33.4.85	198	11.4	0.265	1445.8
320.0	0.58	0.57	33.4.85	198	10.2	0.267	1445.8
330.0	0.58	0.56	33.4.84	199	9.0	0.269	1445.8
340.0	0.59	0.58	33.4.87	199	8.0	0.272	1445.9
350.0	0.64	0.62	33.4.88	200	7.0	0.274	1445.9
360.0	0.70	0.68	33.4.88	201	6.0	0.276	1445.9
370.0	0.72	0.70	33.4.89	202	5.0	0.278	1445.9
380.0	0.66	0.65	33.4.89	203	4.0	0.280	1445.9
390.0	0.66	0.65	33.4.89	203	3.0	0.282	1445.9
400.0	0.59	0.56	33.4.90	203	2.0	0.284	1445.9
410.0	0.54	0.52	33.4.90	203	1.0	0.286	1446.0
420.0	0.50	0.48	33.4.91	203	0.0	0.288	1446.0
430.0	0.47	0.44	33.4.91	203	0.0	0.291	1446.0
440.0	0.42	0.40	33.4.91	203	0.0	0.293	1446.0
450.0	0.37	0.35	33.4.91	203	0.0	0.294	1446.0
460.0	0.32	0.30	33.4.91	203	0.0	0.294	1446.0
470.0	0.28	0.25	33.4.91	203	0.0	0.294	1446.0
480.0	0.24	0.21	33.4.91	203	0.0	0.294	1446.0
490.0	0.20	0.17	33.4.91	203	0.0	0.294	1446.0
500.0	0.16	0.13	33.4.91	203	0.0	0.294	1446.0
510.0	0.12	0.09	33.4.91	203	0.0	0.294	1446.0
520.0	0.09	0.06	33.4.91	203	0.0	0.294	1446.0
530.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
540.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
550.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
560.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
570.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
580.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
590.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
600.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
610.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
620.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
630.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
640.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
650.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
660.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
670.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
680.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0
690.0	0.00	0.00	33.4.91	203	0.0	0.294	1446.0

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
38.6  
385.1  
699.3  
-1.76  
-1.78  
0.72  
0.07

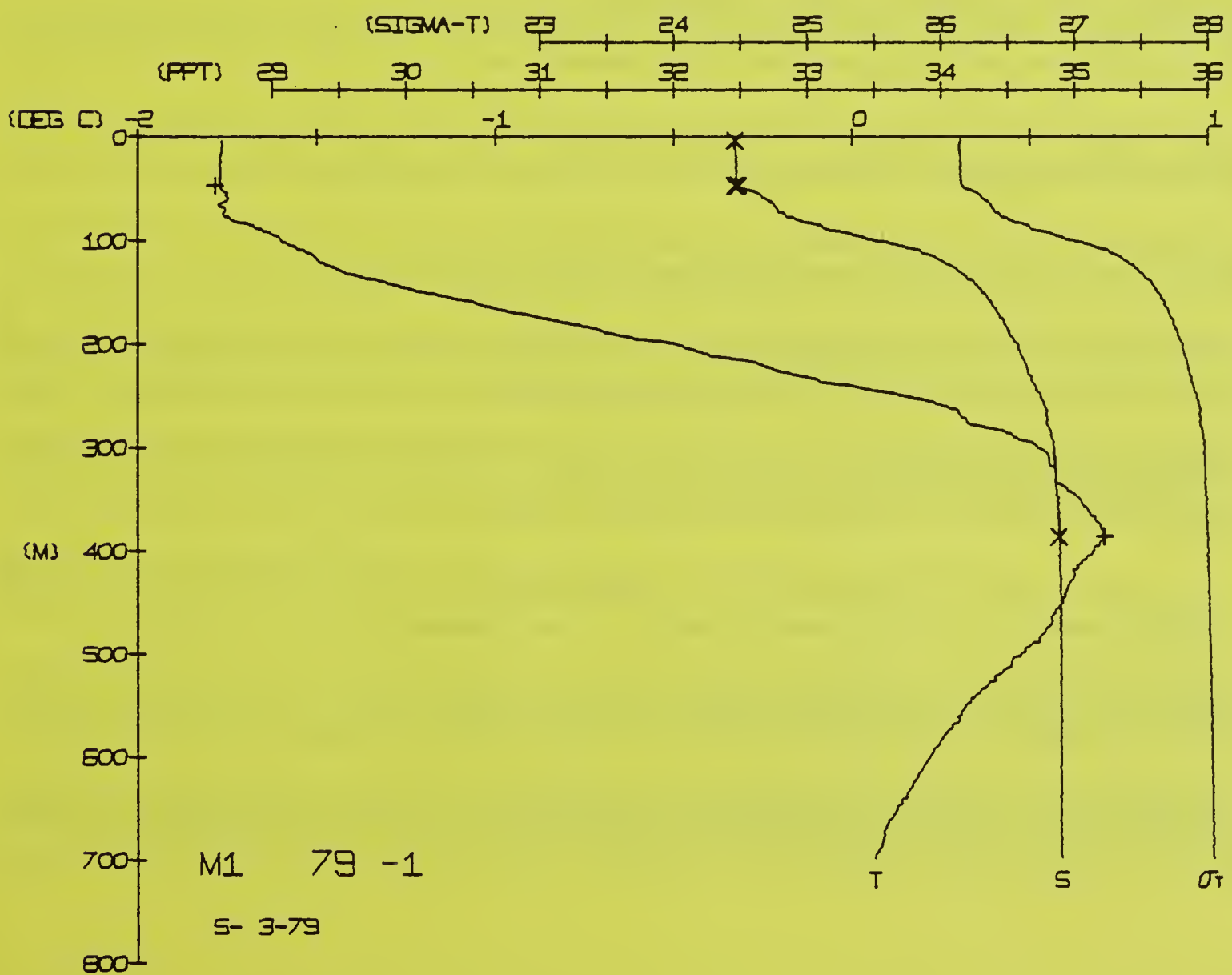
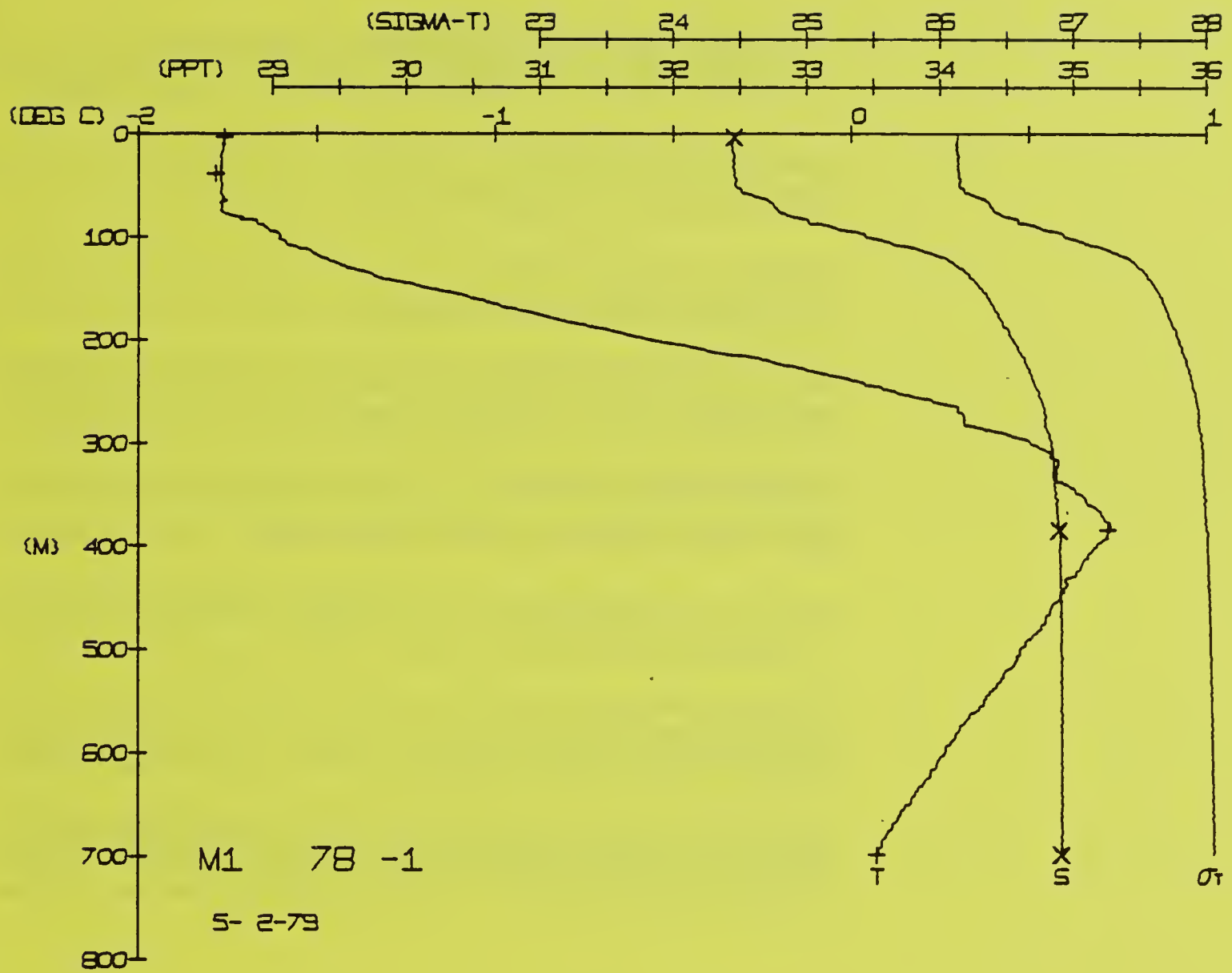
DEPTH  
TEMP.  
SALIN

32.45  
34.89  
34.90

FRAM 1 STATION 79(1) CTD 3/MAY/1979 705 GMT CODE = 1  
LAT = 84.0012N LNG = 7.2498W LTER = 1. LGER = 2.  
AIR TEMP = -20.3 BAROM = 1038.5 WIND = 306.0 SPEED = 4.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.1	77	77	32.46	14	183.0	0.000	1437.4
3.1	77	77	32.46	14	183.0	0.006	1437.5
5.0	77	77	32.46	14	183.0	0.009	1437.5
10.0	76	76	32.45	14	183.8	0.019	1437.6
15.0	77	77	32.47	15	187.4	0.028	1437.7
20.0	77	77	32.47	15	187.7	0.038	1437.7
25.0	77	77	32.47	15	187.7	0.047	1437.8
30.0	77	77	32.47	15	187.7	0.057	1437.9
35.0	77	77	32.47	15	187.7	0.066	1438.0
40.0	77	77	32.48	15	186.6	0.076	1438.1
45.0	77	77	32.48	15	186.6	0.085	1438.2
50.0	77	77	32.52	18	177.1	0.094	1438.3
55.0	75	75	32.64	28	163.4	0.103	1438.6
60.0	75	75	32.75	38	165.4	0.112	1438.8
65.0	77	77	32.78	40	152.2	0.120	1438.9
70.0	74	74	33.2.92	51	153.4	0.129	1439.0
80.0	74	74	33.2.92	51	153.4	0.145	1440.4
90.0	65	65	33.3.16	70	132.2	0.159	1441.0
100.0	60	60	33.3.44	93	112.6	0.171	1442.0
110.0	54	54	33.3.84	118	88.6	0.181	1442.9
120.0	50	50	33.4.00	138	70.1	0.188	1443.6
130.0	43	43	33.4.14	155	59.5	0.195	1444.3
140.0	31	31	33.4.25	161	53.5	0.201	1444.5
150.0	21	21	33.4.31	166	48.6	0.206	1444.6
160.0	06	06	33.4.38	172	40.6	0.210	1444.6
170.0	96	96	33.4.43	176	37.7	0.214	1444.7
180.0	81	82	33.4.48	181	33.1	0.218	1444.8
190.0	68	69	33.4.52	184	29.3	0.221	1444.9
200.0	50	51	33.4.59	184	26.8	0.225	1445.0
210.0	41	42	33.4.61	186	24.2	0.227	1445.1
220.0	26	27	33.4.64	186	22.7	0.230	1445.1
230.0	16	17	33.4.66	189	20.8	0.233	1445.2
240.0	02	03	33.4.70	192	18.7	0.237	1445.3
250.0	13	12	33.4.74	193	17.1	0.239	1445.4
260.0	25	24	33.4.78	195	16.1	0.241	1445.4
270.0	31	30	33.4.80	197	14.9	0.243	1445.5
280.0	36	35	33.4.83	197	14.1	0.244	1445.5
290.0	46	44	33.4.85	197	13.5	0.246	1445.6
300.0	52	51	33.4.86	197	12.7	0.247	1445.6
310.0	57	55	33.4.86	198	11.4	0.249	1445.7
320.0	57	55	33.4.86	198	10.2	0.250	1445.7
330.0	60	59	33.4.87	198	9.0	0.252	1445.7
340.0	64	62	33.4.87	199	8.0	0.253	1445.7
350.0	69	67	33.4.88	199	7.0	0.256	1445.8
360.0	70	69	33.4.88	200	6.0	0.258	1445.8
370.0	65	63	33.4.90	201	5.0	0.261	1445.9
380.0	62	60	33.4.90	202	4.0	0.263	1445.9
390.0	59	57	33.4.90	202	3.0	0.265	1445.9
400.0	56	54	33.4.90	202	2.0	0.268	1445.9
410.0	52	49	33.4.91	202	1.0	0.270	1445.9
420.0	45	43	33.4.91	202	0.0	0.272	1445.9
430.0	40	38	33.4.91	202	0.0	0.274	1445.9
440.0	38	36	33.4.91	202	0.0	0.276	1445.9
450.0	32	30	33.4.91	202	0.0	0.278	1445.9
460.0	28	26	33.4.91	202	0.0	0.281	1446.0
470.0	24	22	33.4.91	202	0.0	0.283	1446.0
480.0	20	17	33.4.91	202	0.0	0.285	1446.0
490.0	17	14	33.4.91	202	0.0	0.288	1446.0
500.0	08	05	33.4.91	202	0.0	0.288	1446.0





FRAM 1 STATION 80(1) CTD 3/MAY/1979 1008 GMT CODE = 1  
LAT = 83.9974N LNG = 7.2219W LTER = 1. LGER = 2.  
AIR TEMP = -20.3 BAROM = 1037.3 WIND = 306.0 SPEED = 4.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.77	-1.77	32.47	26.15	187.3	0.000	1437.4
0.1	-1.77	-1.77	32.47	26.15	187.3	0.006	1437.5
3.1	-1.77	-1.77	32.48	26.15	187.0	0.009	1437.5
5.0	-1.77	-1.77	32.48	26.15	187.0	0.019	1437.6
10.0	-1.77	-1.77	32.48	26.15	186.8	0.028	1437.7
15.0	-1.77	-1.77	32.47	26.15	187.0	0.038	1437.7
20.0	-1.77	-1.77	32.47	26.15	187.0	0.047	1437.8
25.0	-1.77	-1.77	32.47	26.15	187.0	0.056	1437.9
30.0	-1.77	-1.77	32.48	26.15	186.6	0.066	1438.0
35.0	-1.77	-1.77	32.48	26.15	186.5	0.075	1438.1
40.0	-1.77	-1.77	32.48	26.15	186.4	0.085	1438.1
45.0	-1.77	-1.77	32.49	26.15	185.4	0.094	1438.2
50.0	-1.77	-1.77	32.49	26.15	176.4	0.103	1438.3
55.0	-1.77	-1.77	32.61	26.17	170.4	0.112	1438.5
60.0	-1.76	-1.76	32.75	26.37	165.6	0.120	1438.7
65.0	-1.78	-1.78	32.78	26.40	163.2	0.129	1438.8
70.0	-1.74	-1.74	32.91	26.51	152.9	0.145	1439.0
80.0	-1.64	-1.64	33.23	27.02	104.1	0.171	1440.4
90.0	-1.60	-1.60	33.55	27.26	81.5	0.180	1442.3
100.0	-1.54	-1.54	33.85	27.40	67.6	0.187	1442.9
110.0	-1.49	-1.49	34.03	27.57	58.4	0.194	1443.6
120.0	-1.43	-1.43	34.15	27.57	51.8	0.204	1444.4
130.0	-1.32	-1.32	34.32	27.63	46.6	0.209	1444.6
140.0	-1.21	-1.21	34.39	27.68	41.5	0.213	1444.6
150.0	-1.06	-1.07	34.44	27.72	38.2	0.216	1444.8
160.0	-0.93	-0.94	34.49	27.75	34.8	0.216	1444.8
170.0	-0.79	-0.80	34.53	27.78	32.9	0.220	1444.9
180.0	-0.68	-0.69	34.57	27.81	29.4	0.226	1445.0
190.0	-0.54	-0.55	34.61	27.83	27.4	0.229	1445.1
200.0	-0.41	-0.41	34.66	27.85	24.8	0.231	1445.2
210.0	-0.24	-0.25	34.70	27.89	22.6	0.233	1445.3
220.0	-0.10	-0.10	34.77	27.93	21.4	0.235	1445.4
230.0	0.01	0.00	34.80	27.95	20.8	0.237	1445.4
240.0	0.16	0.15	34.80	27.95	18.5	0.239	1445.4
250.0	0.29	0.28	34.80	27.95	16.8	0.240	1445.5
260.0	0.31	0.30	34.81	27.96	15.4	0.242	1445.5
270.0	0.35	0.34	34.83	27.97	14.4	0.243	1445.6
280.0	0.45	0.44	34.86	27.99	13.9	0.245	1445.6
290.0	0.55	0.54	34.85	27.98	14.1	0.246	1445.6
300.0	0.55	0.54	34.85	27.98	14.1	0.246	1445.6
310.0	0.55	0.54	34.85	27.98	14.1	0.246	1445.6
315.7	0.55	0.54	34.85	27.98	14.1	0.246	1445.6

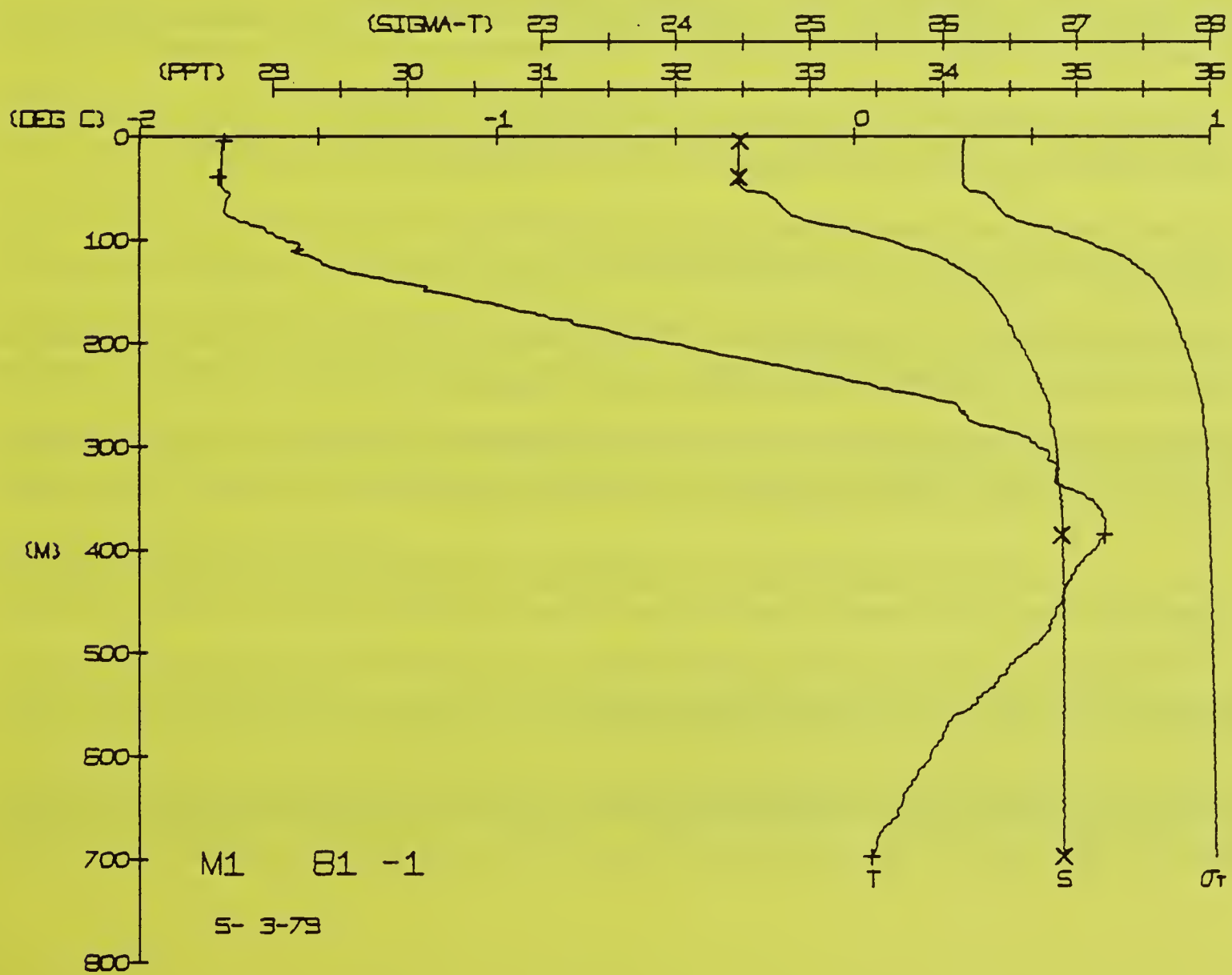
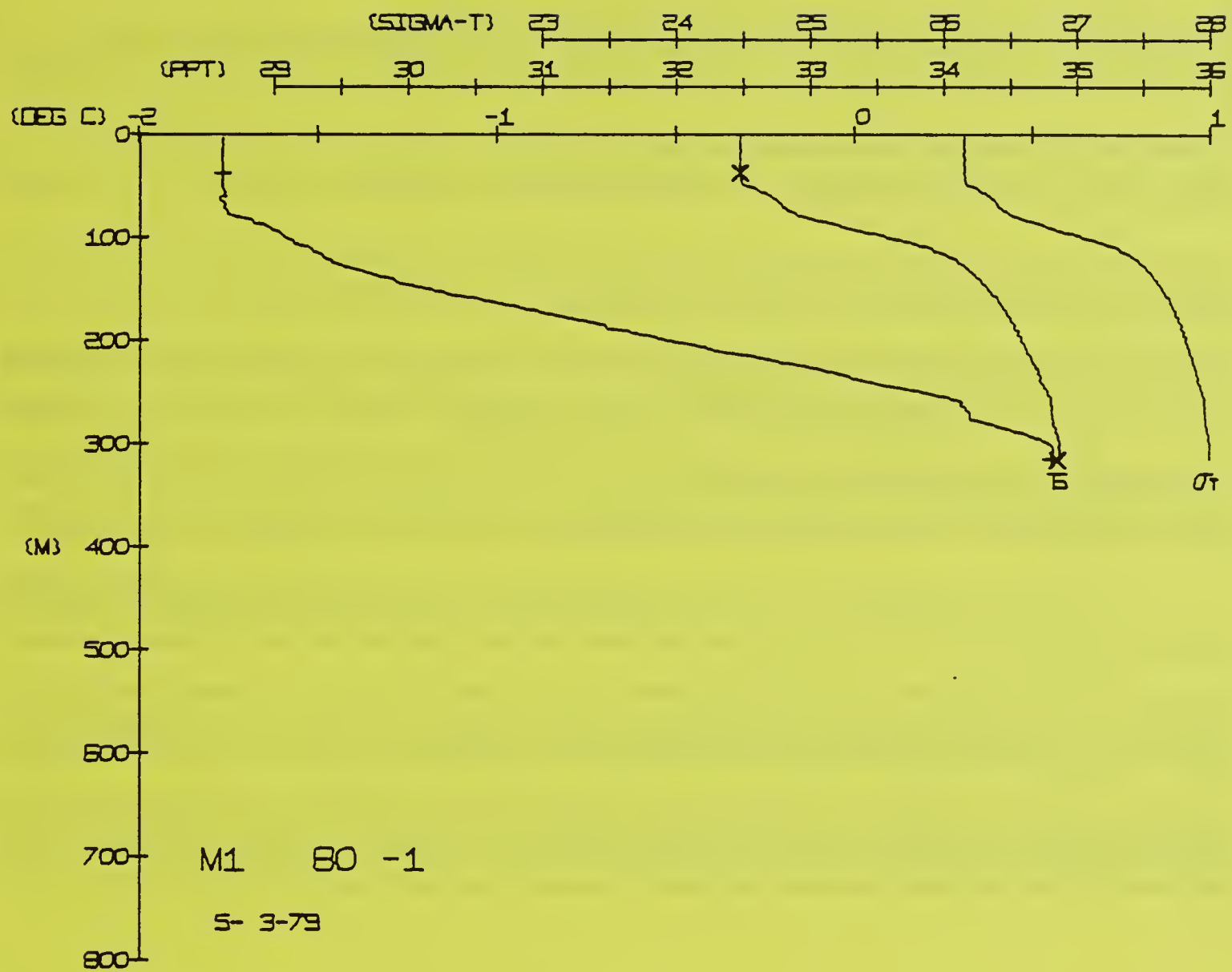
DEPTH TEMP. SALIN  
BOT NUM = 1 37.9 -1.77 32.47  
BOT NUM = 2 316.8 0.55 34.85

FRAM 1 STATION 81(1) CTD 3/MAY/1979 1911 GMT CODE = 1  
LAT = 83.9812N LNG = 7.0720W LTER = 1. LGER = 2.  
AIR TEMP = -18.8 BAROM = 1030.5 WIND = 260.0 SPEED = 5.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.77	-1.77	32.48	26.15	187.2	0.000	1437.4
0.1	-1.77	-1.77	32.48	26.15	187.1	0.006	1437.5
3.0	-1.77	-1.77	32.47	26.15	187.0	0.009	1437.5
5.0	-1.77	-1.77	32.47	26.15	187.6	0.019	1437.6
10.0	-1.77	-1.77	32.47	26.15	187.1	0.028	1437.7
15.0	-1.77	-1.77	32.47	26.15	187.4	0.038	1437.8
20.0	-1.77	-1.77	32.47	26.15	187.4	0.047	1437.9
25.0	-1.77	-1.77	32.47	26.15	187.5	0.057	1438.0
30.0	-1.77	-1.77	32.47	26.15	187.4	0.066	1438.1
35.0	-1.77	-1.77	32.48	26.15	186.8	0.075	1438.1
40.0	-1.77	-1.77	32.48	26.15	185.7	0.085	1438.2
45.0	-1.77	-1.77	32.49	26.15	185.4	0.094	1438.3
50.0	-1.75	-1.75	32.65	26.29	173.5	0.103	1438.5
55.0	-1.75	-1.75	32.72	26.35	167.7	0.112	1438.7
60.0	-1.76	-1.76	32.80	26.41	161.8	0.120	1438.8
65.0	-1.76	-1.76	32.94	26.53	150.3	0.129	1439.1
70.0	-1.73	-1.73	33.30	27.04	123.5	0.144	1440.6
80.0	-1.65	-1.65	33.57	27.22	102.5	0.158	1441.4
90.0	-1.59	-1.59	33.80	27.40	85.5	0.169	1442.9
100.0	-1.55	-1.55	33.80	27.40	77.9	0.179	1443.5
110.0	-1.50	-1.50	33.84	27.58	67.3	0.187	1444.2
120.0	-1.43	-1.43	34.03	27.72	59.0	0.193	1444.3
130.0	-1.31	-1.31	34.25	27.84	51.8	0.199	1444.5
140.0	-1.19	-1.19	34.40	27.89	45.5	0.203	1444.6
150.0	-1.06	-1.06	34.44	27.93	41.0	0.208	1444.7
160.0	-0.93	-0.93	34.49	27.95	37.1	0.212	1444.8
170.0	-0.79	-0.79	34.53	27.98	33.5	0.215	1444.8
180.0	-0.67	-0.68	34.58	27.99	30.0	0.219	1444.9
190.0	-0.53	-0.53	34.62	27.99	27.7	0.222	1445.0
200.0	-0.39	-0.40	34.66	27.99	24.6	0.225	1445.1
210.0	-0.24	-0.25	34.73	27.99	22.1	0.227	1445.2
220.0	-0.10	-0.11	34.76	27.99	20.0	0.230	1445.3
230.0	0.04	0.03	34.81	27.99	17.7	0.234	1445.4
240.0	0.17	0.16	34.87	27.99	15.4	0.236	1445.4
250.0	0.29	0.28	34.87	27.99	13.3	0.237	1445.4
260.0	0.31	0.30	34.88	27.99	11.7	0.239	1445.4
270.0	0.36	0.34	34.89	27.99	10.0	0.241	1445.5
280.0	0.47	0.46	34.89	27.99	8.9	0.242	1445.6
290.0	0.51	0.50	34.85	27.98	7.7	0.244	1445.6
300.0	0.55	0.54	34.86	27.98	6.4	0.245	1445.6
310.0	0.55	0.55	34.86	27.98	5.4	0.247	1445.6
320.0	0.57	0.55	34.87	27.99	4.4	0.247	1445.6
330.0	0.57	0.55	34.87	27.99	3.5	0.247	1445.6
340.0	0.59	0.57	34.87	27.99	2.7	0.248	1445.7
350.0	0.65	0.64	34.88	27.99	2.0	0.249	1445.7
360.0	0.70	0.69	34.89	27.99	1.2	0.252	1445.8
370.0	0.65	0.68	34.90	28.01	1.1	0.254	1445.8
380.0	0.61	0.63	34.90	28.01	1.1	0.257	1445.8
390.0	0.58	0.59	34.90	28.01	1.1	0.259	1445.8
400.0	0.56	0.56	34.90	28.02	1.1	0.262	1445.9
410.0	0.52	0.54	34.91	28.02	1.0	0.264	1445.9
420.0	0.45	0.50	34.91	28.03	1.0	0.266	1445.9
430.0	0.34	0.43	34.91	28.04	0.9	0.268	1445.9
440.0	0.26	0.37	34.91	28.04	0.8	0.270	1445.9
450.0	0.16	0.24	34.91	28.04	0.7	0.272	1445.9
460.0	0.08	0.13	34.91	28.05	0.6	0.275	1446.0
470.0	0.05	0.10	34.91	28.05	0.5	0.277	1446.0
480.0	0.05	0.05	34.91	28.05	0.5	0.280	1446.0
490.0	0.05	0.05	34.91	28.05	0.5	0.282	1446.0
500.0	0.05	0.05	34.91	28.05	0.5	0.283	1446.0
510.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
520.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
530.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
540.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
550.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
560.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
570.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
580.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
590.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
600.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
610.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
620.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
630.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
640.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
650.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
660.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
670.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
680.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
690.0	0.05	0.05	34.91	28.05	0.5	0.284	1446.0
698.5	0.05	0.05	34.91	28.05	0.5	0.284	1446.0

DEPTH TEMP. SALIN  
BOT NUM = 1 3.6 -1.76 32.47  
BOT NUM = 2 38.8 -1.78 32.46  
BOT NUM = 3 385.7 0.70 34.89  
BOT NUM = 4 697.7 0.05 34.90





FRAM 1 STATION 82(1) CTD 4/MAY/1979 712 GMT CODE = 1  
LAT = 83. 9455N LNG = 6. 99227W LTER = 1. LGER = 2.  
AIR TEMP = -18. 8 BAROM = 1025. 6 WIND = 260. 0 SPEED = 5. 0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	77	77	32. 48	26. 16	186. 6	0. 000	1437. 4
0	-1. 77	-1. 77	32. 48	26. 16	186. 6	0. 006	1437. 5
3	77	77	32. 48	26. 16	186. 7	0. 009	1437. 5
5	-1. 77	-1. 77	32. 48	26. 15	187. 0	0. 019	1437. 6
10	77	77	32. 47	26. 15	187. 1	0. 028	1437. 7
15	-1. 77	-1. 77	32. 47	26. 15	187. 1	0. 038	1437. 7
20	77	77	32. 47	26. 15	187. 1	0. 047	1437. 8
25	-1. 77	-1. 77	32. 47	26. 15	187. 0	0. 056	1437. 9
30	77	77	32. 48	26. 15	186. 8	0. 066	1438. 0
35	-1. 77	-1. 77	32. 48	26. 15	186. 9	0. 075	1438. 1
40	77	77	32. 47	26. 15	186. 9	0. 085	1438. 1
45	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 094	1438. 2
50	77	77	32. 48	26. 16	186. 0	0. 103	1438. 3
55	-1. 77	-1. 77	32. 48	26. 16	186. 0	0. 112	1438. 5
60	77	77	32. 47	26. 16	186. 0	0. 120	1438. 9
65	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 129	1439. 0
70	77	77	32. 47	26. 16	186. 0	0. 145	1439. 4
80	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 159	1440. 4
90	77	77	32. 47	26. 16	186. 0	0. 171	1441. 4
100	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 180	1442. 8
110	77	77	32. 47	26. 16	186. 0	0. 188	1443. 5
120	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 194	1444. 3
130	77	77	32. 47	26. 16	186. 0	0. 205	1445. 4
140	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 209	1446. 3
150	77	77	32. 47	26. 16	186. 0	0. 217	1447. 8
160	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 221	1448. 5
170	77	77	32. 47	26. 16	186. 0	0. 227	1449. 4
180	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 233	1450. 3
190	77	77	32. 47	26. 16	186. 0	0. 236	1451. 1
200	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 244	1452. 1
210	77	77	32. 47	26. 16	186. 0	0. 249	1453. 1
220	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 252	1453. 3
230	77	77	32. 47	26. 16	186. 0	0. 254	1453. 7
240	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 257	1454. 1
250	77	77	32. 47	26. 16	186. 0	0. 262	1454. 6
260	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 266	1455. 1
270	77	77	32. 47	26. 16	186. 0	0. 270	1455. 6
280	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 274	1456. 1
290	77	77	32. 47	26. 16	186. 0	0. 277	1456. 6
300	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 281	1457. 1
310	77	77	32. 47	26. 16	186. 0	0. 284	1457. 6
320	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 288	1458. 1
330	77	77	32. 47	26. 16	186. 0	0. 291	1458. 6
340	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 295	1459. 1
350	77	77	32. 47	26. 16	186. 0	0. 298	1459. 6
360	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 302	1460. 1
370	77	77	32. 47	26. 16	186. 0	0. 305	1460. 6
380	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 309	1461. 1
390	77	77	32. 47	26. 16	186. 0	0. 312	1461. 6
400	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 316	1462. 1
410	77	77	32. 47	26. 16	186. 0	0. 319	1462. 6
420	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 323	1463. 1
430	77	77	32. 47	26. 16	186. 0	0. 326	1463. 6
440	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 330	1464. 1
450	77	77	32. 47	26. 16	186. 0	0. 333	1464. 6
460	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 337	1465. 1
470	77	77	32. 47	26. 16	186. 0	0. 340	1465. 6
480	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 344	1466. 1
490	77	77	32. 47	26. 16	186. 0	0. 347	1466. 6
500	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 351	1467. 1
510	77	77	32. 47	26. 16	186. 0	0. 354	1467. 6
520	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 358	1468. 1
530	77	77	32. 47	26. 16	186. 0	0. 361	1468. 6
540	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 365	1469. 1
550	77	77	32. 47	26. 16	186. 0	0. 368	1469. 6
560	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 372	1470. 1
570	77	77	32. 47	26. 16	186. 0	0. 375	1470. 6
580	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 379	1471. 1
590	77	77	32. 47	26. 16	186. 0	0. 382	1471. 6
600	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 386	1472. 1
610	77	77	32. 47	26. 16	186. 0	0. 389	1472. 6
620	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 393	1473. 1
630	77	77	32. 47	26. 16	186. 0	0. 396	1473. 6
640	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 400	1474. 1
650	77	77	32. 47	26. 16	186. 0	0. 403	1474. 6
660	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 407	1475. 1
670	77	77	32. 47	26. 16	186. 0	0. 410	1475. 6
680	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 414	1476. 1
690	77	77	32. 47	26. 16	186. 0	0. 417	1476. 6
700	-1. 77	-1. 77	32. 47	26. 16	186. 0	0. 421	1477. 1

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
3. 6  
41. 6  
384. 2  
697. 4  
-1. 75  
-1. 78  
0. 69  
0. 05

DEPTH

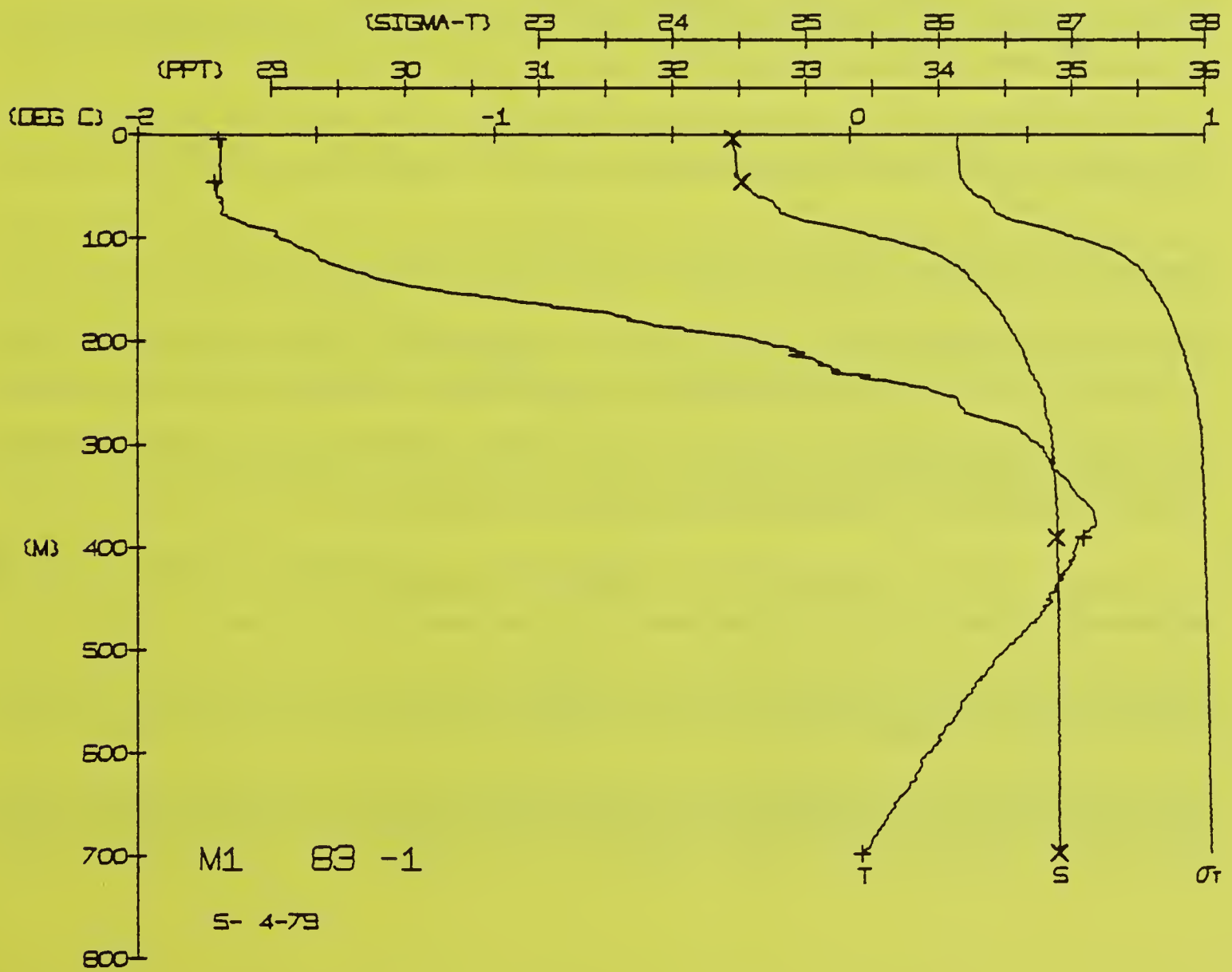
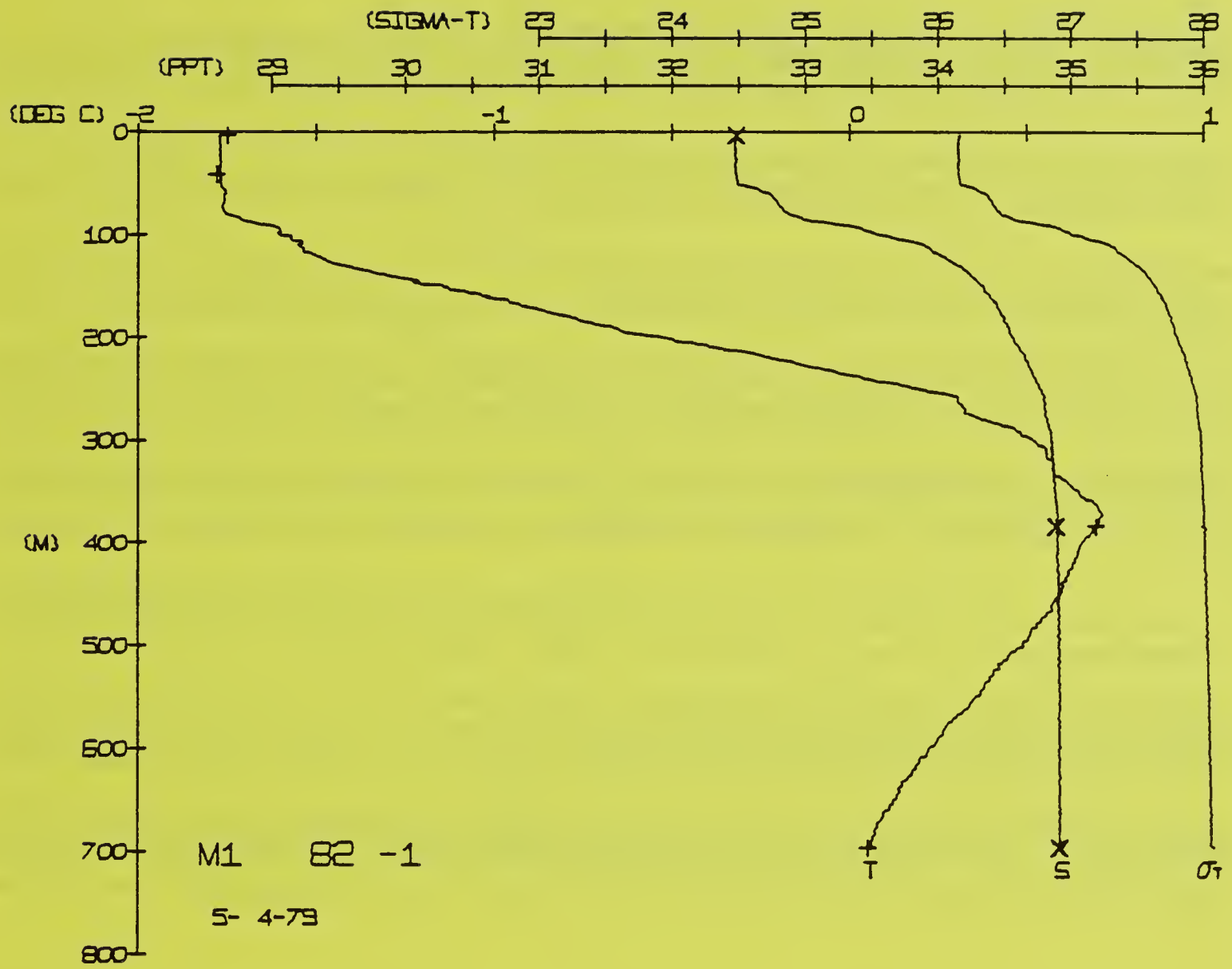
TEMP.

SALIN

FRAM 1 STATION 83(1) CTD 4/MAY/1979 1930 GMT CODE = 1  
LAT = 83. 8953N LNG = 6. 9764W LTER = 0. LGER = 0.  
AIR TEMP = -15. 6 BAROM = 1028. 6 WIND = 306. 0 SPEED = 7. 6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	77	77	32.46	26.14	189.5	0.000	1437.4
3	77	77	32.46	26.14	188.6	0.006	1437.5
5	77	77	32.46	26.13	188.6	0.009	1437.5
10	77	77	32.45	26.13	187.0	0.019	1437.6
15	77	77	32.46	26.14	187.5	0.028	1437.7
20	77	77	32.47	26.15	186.9	0.038	1437.8
25	77	77	32.48	26.15	186.9	0.047	1437.9
30	77	77	32.48	26.15	185.4	0.057	1438.0
35	77	77	32.48	26.16	185.5	0.066	1438.1
40	77	77	32.49	26.16	185.4	0.075	1438.2
45	77	77	32.51	26.18	184.4	0.085	1438.3
50	77	77	32.55	26.21	181.3	0.094	1438.4
55	78	78	32.57	26.23	177.9	0.103	1438.4
60	78	78	32.64	26.28	177.4	0.112	1438.6
65	77	77	32.74	26.37	165.5	0.121	1438.9
70	76	76	32.89	26.48	153.0	0.129	1439.0
80	74	75	33.21	26.74	130.3	0.145	1440.4
90	67	67	33.54	27.01	105.1	0.159	1440.4
100	61	61	33.82	27.41	83.6	0.171	1441.3
110	54	54	34.07	27.51	67.5	0.181	1442.9
120	49	49	34.17	27.56	57.3	0.188	1443.6
130	42	42	34.23	27.62	52.7	0.195	1444.3
140	33	33	34.31	27.72	47.3	0.205	1445.4
150	18	19	34.38	27.76	42.4	0.210	1446.7
160	77	77	34.45	27.84	33.4	0.214	1447.4
170	62	62	34.50	27.81	32.9	0.218	1448.7
180	47	47	34.54	27.78	32.4	0.221	1449.0
190	26	27	34.59	27.86	26.7	0.224	1450.1
200	17	17	34.64	27.93	23.0	0.227	1451.1
210	10	10	34.73	27.91	20.9	0.230	1451.4
220	04	04	34.77	27.93	18.8	0.232	1452.1
230	11	10	34.86	27.98	17.6	0.234	1453.1
240	24	23	34.86	27.98	16.9	0.236	1454.1
250	31	30	34.82	27.95	16.0	0.238	1454.4
260	43	42	34.85	27.98	14.5	0.241	1455.6
280	49	48	34.86	27.98	14.1	0.243	1456.0
290	53	52	34.86	27.98	13.9	0.244	1456.4
300	55	54	34.85	27.97	13.4	0.246	1456.6
310	55	54	34.87	27.99	13.4	0.247	1457.1
330	59	58	34.88	27.99	13.3	0.249	1457.7
340	62	61	34.88	27.99	12.5	0.250	1457.7
350	64	62	34.88	28.00	12.5	0.251	1458.3
370	69	67	34.89	28.00	11.2	0.254	1458.7
410	66	64	34.90	28.01	11.1	0.259	1459.1
430	60	58	34.90	28.02	11.0	0.263	1459.4
440	53	51	34.90	28.02	10.7	0.265	1459.9
470	41	39	34.90	28.03	9.9	0.270	1459.9
510	37	34	34.91	28.04	9.8	0.274	1459.9
530	32	29	34.91	28.04	9.8	0.277	1459.9
550	25	26	34.91	28.04	9.6	0.279	1460.1
570	20	17	34.91	28.05	8.8	0.281	1460.3
610	17	14	34.91	28.05	8.8	0.284	1460.4
630	13	10	34.91	28.05	8.8	0.285	1460.6
650	06	03	34.91	28.06	8.8	0.286	1460.8
670	04	01	34.92	28.06	8.8	0.286	1460.8
690	04	01	34.92	28.06	8.8	0.286	1460.8
698	04	01	34.92	28.06	8.8	0.286	1460.8





FRAM 1 STATION 84(1) CTD 5/MAY/1979 756 GMT CODE = 1  
LAT = 83.8306N LNG = 6.9174W LTER = 0. LGER = 0.  
AIR TEMP = -15.6 BAROM = 1027.5 WIND = 306.0 SPEED = 7.6

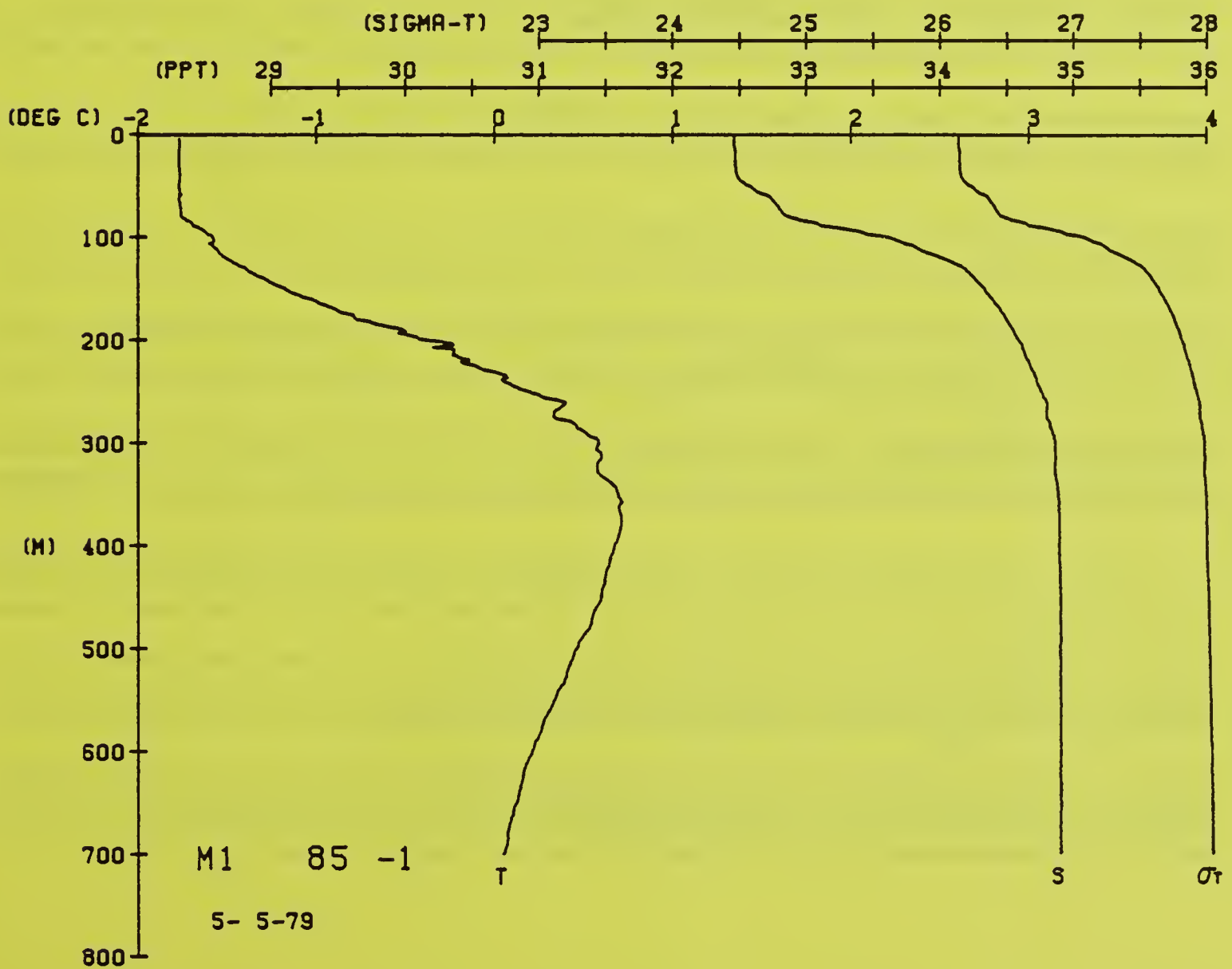
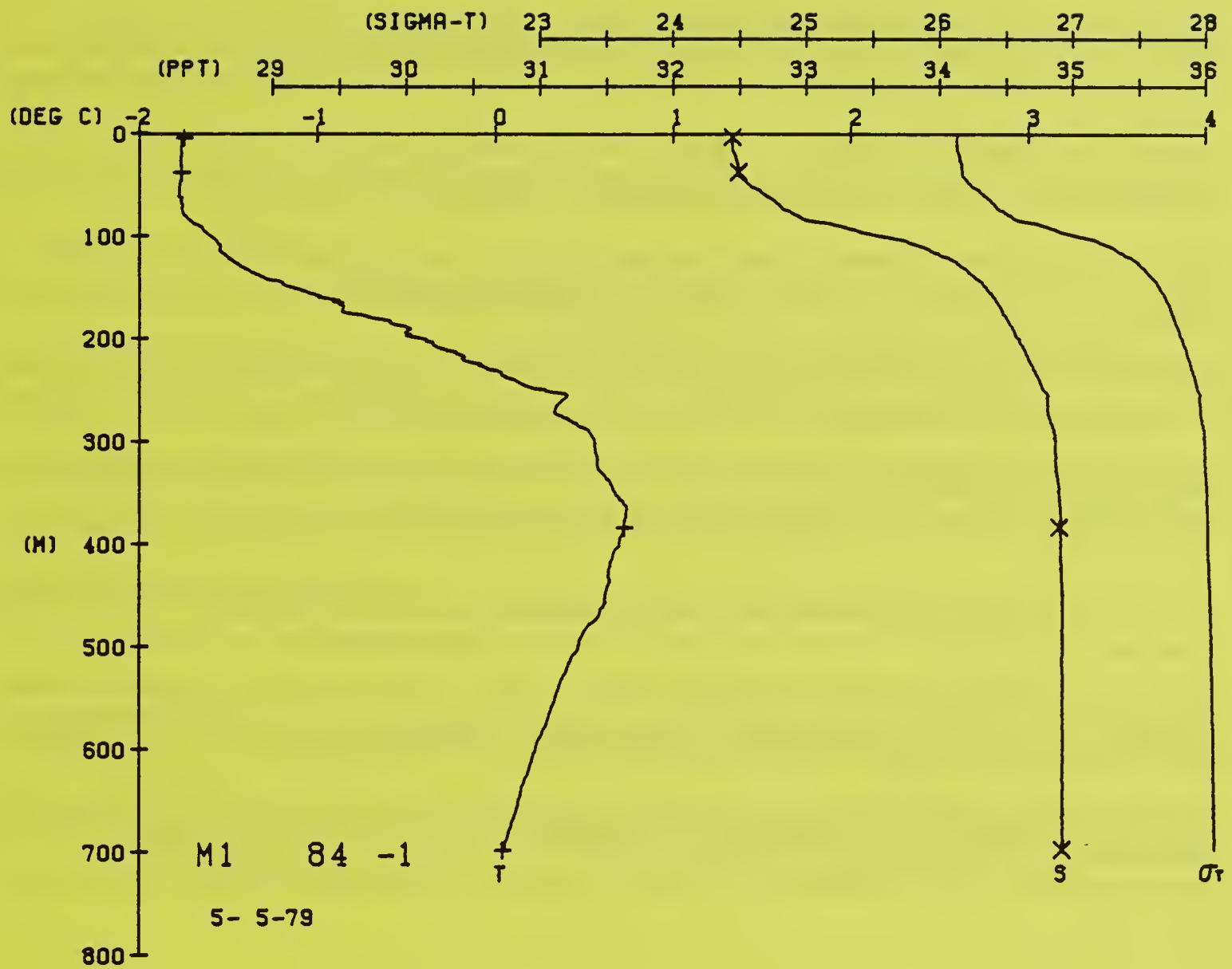
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.77	-1.77	32.45	26.13	189.3	0.000	1437.4
3.1	-1.77	-1.77	32.45	26.13	189.3	0.006	1437.4
5.0	-1.77	-1.77	32.44	26.12	189.3	0.010	1437.5
10.0	-1.77	-1.77	32.44	26.12	189.3	0.019	1437.6
15.0	-1.77	-1.77	32.44	26.12	189.3	0.029	1437.7
20.0	-1.77	-1.77	32.46	26.14	188.6	0.038	1437.8
25.0	-1.77	-1.77	32.47	26.15	187.9	0.047	1437.9
30.0	-1.77	-1.77	32.47	26.15	186.6	0.057	1438.0
35.0	-1.77	-1.77	32.49	26.17	185.7	0.066	1438.1
40.0	-1.76	-1.76	32.49	26.17	185.4	0.076	1438.1
45.0	-1.77	-1.77	32.51	26.18	184.4	0.085	1438.2
50.0	-1.77	-1.77	32.56	26.22	180.0	0.094	1438.3
55.0	-1.78	-1.78	32.62	26.27	175.5	0.103	1438.5
60.0	-1.78	-1.78	32.67	26.31	171.1	0.112	1438.6
65.0	-1.77	-1.77	32.73	26.36	166.6	0.121	1438.9
70.0	-1.76	-1.76	32.78	26.40	163.0	0.129	1439.0
75.0	-1.75	-1.75	32.91	26.50	153.3	0.145	1440.4
80.0	-1.67	-1.67	33.20	26.73	131.1	0.171	1441.3
85.0	-1.60	-1.60	33.49	26.97	109.3	0.181	1442.2
90.0	-1.54	-1.54	33.82	27.38	83.0	0.189	1442.8
95.0	-1.51	-1.51	34.00	27.49	59.2	0.195	1443.3
100.0	-1.43	-1.43	34.14	27.57	46.2	0.206	1444.5
110.0	-1.32	-1.32	34.24	27.63	41.1	0.210	1444.6
120.0	-1.16	-1.16	34.39	27.72	38.1	0.214	1444.7
130.0	-0.99	-0.99	34.45	27.75	35.1	0.218	1444.8
140.0	-0.86	-0.86	34.49	27.78	32.1	0.221	1444.9
150.0	-0.71	-0.71	34.54	27.80	29.1	0.225	1445.0
160.0	-0.49	-0.49	34.57	27.84	25.1	0.230	1445.2
170.0	-0.37	-0.37	34.62	27.86	22.1	0.233	1445.3
180.0	-0.25	-0.25	34.66	27.88	19.1	0.237	1445.4
190.0	-0.19	-0.19	34.74	27.91	17.4	0.240	1445.4
200.0	-0.15	-0.15	34.80	27.94	16.4	0.242	1445.5
210.0	-0.11	-0.11	34.85	27.95	15.4	0.244	1445.6
220.0	-0.08	-0.08	34.88	27.98	14.4	0.246	1445.6
230.0	-0.05	-0.05	34.86	27.98	13.4	0.248	1445.7
240.0	-0.04	-0.04	34.86	27.98	12.4	0.251	1445.7
250.0	-0.03	-0.03	34.86	27.98	11.4	0.252	1445.7
260.0	-0.03	-0.03	34.86	27.98	10.4	0.255	1445.8
270.0	-0.03	-0.03	34.86	27.98	9.4	0.257	1445.8
280.0	-0.03	-0.03	34.86	27.98	8.4	0.259	1445.8
290.0	-0.03	-0.03	34.86	27.98	7.4	0.262	1445.9
300.0	-0.03	-0.03	34.86	27.98	6.4	0.264	1445.9
310.0	-0.03	-0.03	34.86	27.98	5.4	0.266	1445.9
320.0	-0.03	-0.03	34.86	27.98	4.4	0.268	1445.9
330.0	-0.03	-0.03	34.86	27.98	3.4	0.270	1445.9
340.0	-0.03	-0.03	34.86	27.98	2.4	0.272	1445.9
350.0	-0.03	-0.03	34.86	27.98	1.4	0.274	1445.9
360.0	-0.03	-0.03	34.86	27.98	0.4	0.276	1445.9
370.0	-0.03	-0.03	34.86	27.98	0.4	0.278	1445.9
380.0	-0.03	-0.03	34.86	27.98	0.4	0.279	1445.9
390.0	-0.03	-0.03	34.86	27.98	0.4	0.281	1446.0
400.0	-0.03	-0.03	34.86	27.98	0.4	0.283	1446.0
410.0	-0.03	-0.03	34.86	27.98	0.4	0.284	1446.0
420.0	-0.03	-0.03	34.86	27.98	0.4	0.285	1446.0
430.0	-0.03	-0.03	34.86	27.98	0.4	0.286	1446.0
440.0	-0.03	-0.03	34.86	27.98	0.4	0.287	1446.0
450.0	-0.03	-0.03	34.86	27.98	0.4	0.288	1446.0
460.0	-0.03	-0.03	34.86	27.98	0.4	0.289	1446.0
470.0	-0.03	-0.03	34.86	27.98	0.4	0.290	1446.0
480.0	-0.03	-0.03	34.86	27.98	0.4	0.291	1446.0
490.0	-0.03	-0.03	34.86	27.98	0.4	0.292	1446.0
500.0	-0.03	-0.03	34.86	27.98	0.4	0.293	1446.0
510.0	-0.03	-0.03	34.86	27.98	0.4	0.294	1446.0
520.0	-0.03	-0.03	34.86	27.98	0.4	0.295	1446.0
530.0	-0.03	-0.03	34.86	27.98	0.4	0.296	1446.0
540.0	-0.03	-0.03	34.86	27.98	0.4	0.297	1446.0
550.0	-0.03	-0.03	34.86	27.98	0.4	0.298	1446.0
560.0	-0.03	-0.03	34.86	27.98	0.4	0.299	1446.0
570.0	-0.03	-0.03	34.86	27.98	0.4	0.300	1446.0
580.0	-0.03	-0.03	34.86	27.98	0.4	0.301	1446.0
590.0	-0.03	-0.03	34.86	27.98	0.4	0.302	1446.0
600.0	-0.03	-0.03	34.86	27.98	0.4	0.303	1446.0
610.0	-0.03	-0.03	34.86	27.98	0.4	0.304	1446.0
620.0	-0.03	-0.03	34.86	27.98	0.4	0.305	1446.0
630.0	-0.03	-0.03	34.86	27.98	0.4	0.306	1446.0
640.0	-0.03	-0.03	34.86	27.98	0.4	0.307	1446.0
650.0	-0.03	-0.03	34.86	27.98	0.4	0.308	1446.0
660.0	-0.03	-0.03	34.86	27.98	0.4	0.309	1446.0
670.0	-0.03	-0.03	34.86	27.98	0.4	0.310	1446.0
680.0	-0.03	-0.03	34.86	27.98	0.4	0.311	1446.0
690.0	-0.03	-0.03	34.86	27.98	0.4	0.312	1446.0
700.0	-0.03	-0.03	34.86	27.98	0.4	0.313	1446.0

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
3.7  
38.2  
384.4  
698.4  
-1.75  
-1.76  
0.72  
0.04  
32.44  
32.49  
34.89  
34.90

FRAM 1 STATION 85(1) CTD 5/MAY/1979 1241 GMT CODE = 1  
LAT = 83.8008N LNG = 6.8783W LTER = 1. LGER = 2.  
AIR TEMP = -13.9 BAROM = 1027.6 WIND = 310.0 SPEED = 8.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.77	-1.77	32.46	26.14	189.4	0.000	1437.4
3.1	-1.77	-1.77	32.46	26.14	188.4	0.006	1437.5
5.0	-1.77	-1.77	32.45	26.13	188.4	0.009	1437.5
10.0	-1.77	-1.77	32.46	26.14	188.4	0.019	1437.6
15.0	-1.77	-1.77	32.46	26.14	188.4	0.028	1437.7
20.0	-1.77	-1.77	32.46	26.14	187.8	0.038	1437.8
25.0	-1.77	-1.77	32.46	26.14	187.8	0.047	1437.9
30.0	-1.77	-1.77	32.46	26.14	187.8	0.057	1438.0
35.0	-1.77	-1.77	32.47	26.15	187.3	0.066	1438.1
40.0	-1.77	-1.77	32.48	26.15	186.6	0.076	1438.1
45.0	-1.77	-1.77	32.50	26.17	184.4	0.085	1438.2
50.0	-1.77	-1.77	32.57	26.23	177.5	0.094	1438.3
55.0	-1.76	-1.76	32.62	26.27	175.3	0.103	1438.5
60.0	-1.77	-1.77	32.71	26.34	168.3	0.112	1438.6
65.0	-1.77	-1.77	32.75	26.38	165.2	0.120	1438.9
70.0	-1.76	-1.76	32.79	26.41	162.5	0.129	1439.0
75.0	-1.76	-1.76	33.16	26.46	157.2	0.145	1440.4
80.0	-1.67	-1.67	33.60	26.71	133.3	0.171	1441.3
85.0	-1.58	-1.58	33.82	27.06	100.0	0.180	1442.2
90.0	-1.51	-1.51	34.01	27.39	83.4	0.188	1442.8
95.0	-1.40	-1.40	34.18	27.52	56.8	0.194	1443.3
100.0	-1.29	-1.29	34.26	27.59	45.4	0.205	1444.5
110.0	-1.17	-1.17	34.39	27.64	41.3	0.209	1444.6
120.0	-1.04	-1.04	34.45	27.68	37.7	0.213	1444.7
130.0	-0.89	-0.89	34.50	27.72	34.1	0.217	1444.8
140.0	-0.77	-0.77	34.55	27.76	31.3	0.220	1444.9
150.0	-0.52	-0.52	34.58	27.81	29.6	0.223	1445.0
160.0	-0.39	-0.39	34.63	27.84	27.2	0.226	1445.1
170.0	-0.22	-0.22	34.66	27.86	24.9	0.229	1445.2
180.0	-0.14	-0.14	34.73	27.88	23.1	0.231	1445.3
190.0	-0.05	-0.05	34.80	27.90	21.4	0.233	1445.3
200.0	-0.04	-0.04	34.85	27.91	19.8	0.235	1445.4
210.0	-0.03	-0.03	34.86	27.91	18.8	0.237	1445.4
220.0	-0.03	-0.03	34.86	27.91	17.8	0.239	1445.4
230.0	-0.03	-0.03	34.86	27.91	16.8	0.241	1445.4
240.0	-0.03	-0.03	34.86	27.91	15.8	0.242	1445.4
250.0	-0.03	-0.03	34.86	27.91	14.8	0.244	1445.4
260.0	-0.03	-0.03	34.86	27.91	13.8	0.245	1445.4
270.0	-0.03	-0.03	34.86	27.91	12.8	0.246	1445.4
280.0	-0.03	-0.03	34.86	27.91	11.8	0.248	1445.4
290.0	-0.03	-0.03	34.86	27.91	10.8	0.249	1445.4
300.0	-0.03	-0.03	34.86	27.91	9.8	0.251	1445.4
310.0	-0.03	-0.03	34.86	27.91	8.8	0.253	1445.4
320.0	-0.03	-0.03	34.86	27.91	7.8	0.255	1445.4
330.0	-0.03	-0.03	34.86	27.91	6.8	0.257	1445.4
340.0	-0.03	-0.03	34.86	27.91	5.8	0.259	1445.4
350.0	-0.03	-0.03	34.86	27.91	4.8	0.262	1445.4
360.0	-0.03	-0.03	34.86	27.91	3.8	0.264	1445.4
370.0	-0.03	-0.03	34.86	27.91	2.8	0.266	1445.4
380.0	-0.03	-0.03	34.86	27.91	1.8	0.268	1445.4
390.0	-0.03	-0.03	34.86	27.91	0.8	0.270	1445.4
400.0	-0.03	-0.03	34.86	27.91	0.8	0.272	1445.4
410.0	-0.03	-0.03	34.86	27.91	0.8	0.274	1445.4
420.0	-0.03	-0.03	34.86	27.91	0.8	0.276	1445.4
430.0	-0.03	-0.03	34.86	27.91	0.8	0.278	1445.4
440.0	-0.03	-0.03	34.86	27.91	0.8	0.280	1445.4
450.0	-0.03	-0.03	34.86	27.91	0.8	0.281	1445.4
460.0	-0.03	-0.03	34.86	27.91	0.8	0.283	1445.4
470.0	-0.03	-0.03	34.86	27.91	0.8	0.284	1445.4
480.0	-0.03	-0.03	34.86	27.91	0.8	0.285	1445.4
490.0	-0.03	-0.03	34.86	27.91	0.8	0.286	1445.4
500.0	-0.03	-0.03	34.86	27.91	0.8	0.287	1445.4
510.0	-0.03	-0.03	34.86	27.91	0.8	0.288	1445





FRAM 1 STATION 86(1) CTD 5/MAY/1979 1828 GMT CODE = 1  
LAT = 83.7700N LNG = 6.8357W LTER = 0. LGER = 1.  
AIR TEMP = -13.9 BAROM = 1025.3 WIND = 310.0 SPEED = 8.9

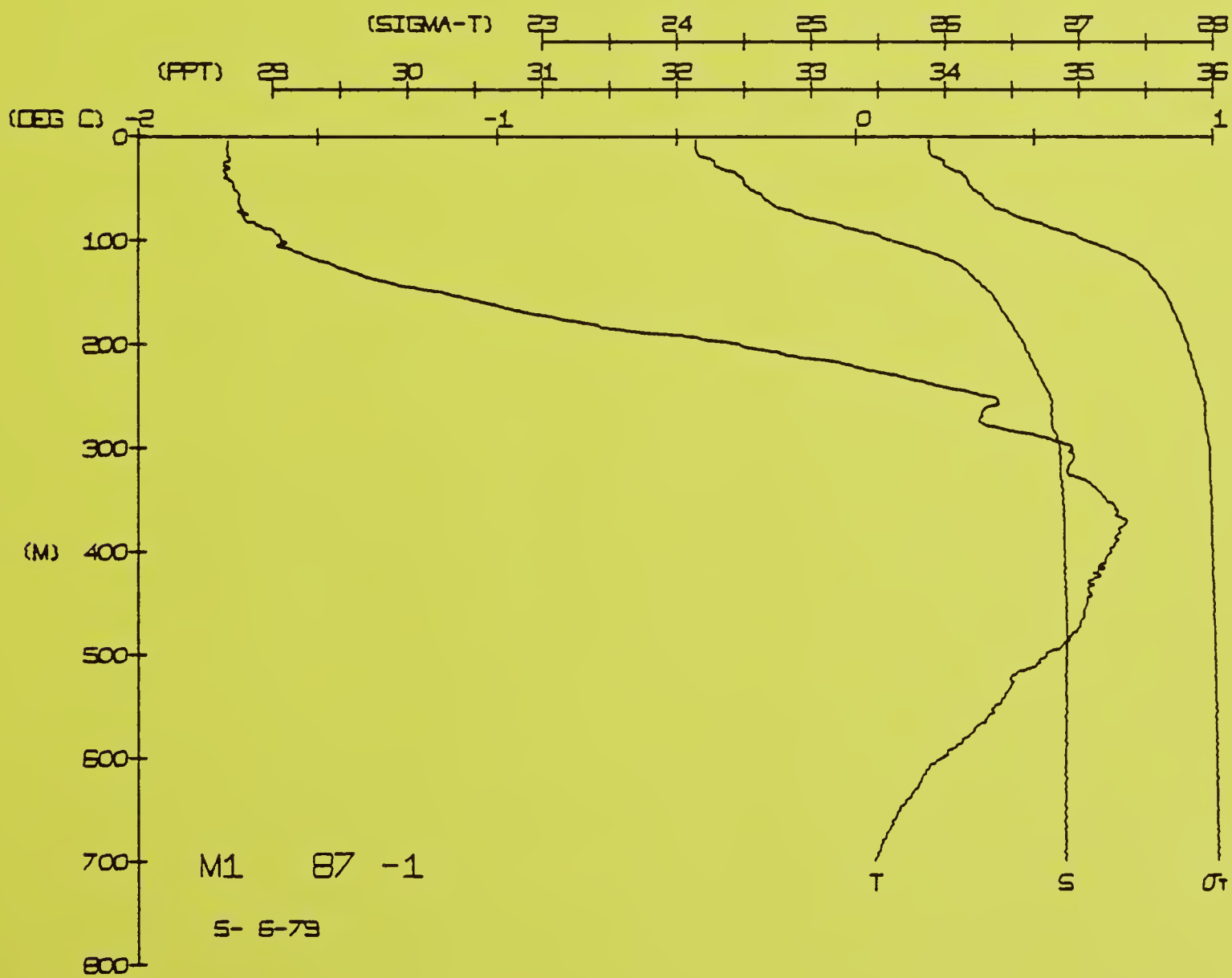
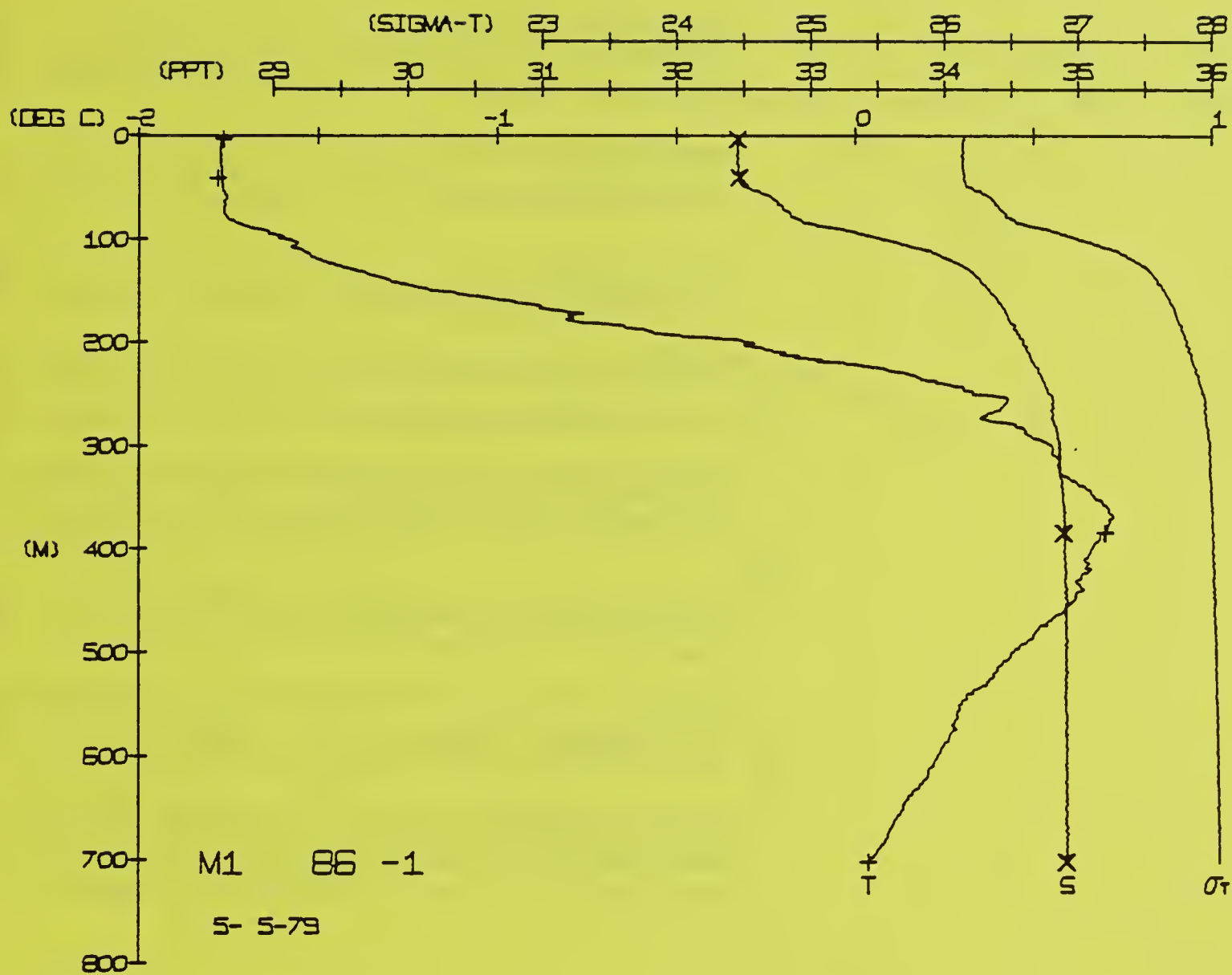
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.77	-1.77	32.46	26.14	188.1	0.000	1437.4
0.1	-1.77	-1.77	32.46	26.14	188.0	0.006	1437.4
0.2	-1.77	-1.77	32.46	26.14	188.4	0.009	1437.5
0.3	-1.77	-1.77	32.46	26.14	188.5	0.019	1437.5
0.4	-1.77	-1.77	32.45	26.13	188.8	0.028	1437.6
0.5	-1.77	-1.77	32.45	26.13	188.7	0.038	1437.7
0.6	-1.77	-1.77	32.45	26.13	188.6	0.047	1437.8
0.7	-1.77	-1.77	32.46	26.14	188.3	0.057	1437.9
0.8	-1.77	-1.77	32.46	26.14	187.8	0.066	1438.0
0.9	-1.77	-1.77	32.47	26.15	187.3	0.076	1438.1
1.0	-1.77	-1.77	32.47	26.15	187.0	0.085	1438.2
1.1	-1.77	-1.77	32.47	26.15	187.5	0.095	1438.3
1.2	-1.77	-1.77	32.47	26.15	187.8	0.104	1438.6
1.3	-1.77	-1.77	32.47	26.15	187.9	0.112	1438.8
1.4	-1.77	-1.77	32.47	26.15	187.9	0.121	1438.9
1.5	-1.77	-1.77	32.47	26.15	187.9	0.129	1438.9
1.6	-1.77	-1.77	32.47	26.15	187.9	0.138	1439.0
1.7	-1.77	-1.77	32.47	26.15	187.9	0.145	1439.4
1.8	-1.77	-1.77	32.47	26.15	187.9	0.150	1440.0
1.9	-1.77	-1.77	32.47	26.15	187.9	0.160	1440.3
2.0	-1.77	-1.77	32.47	26.15	187.9	0.172	1441.1
2.1	-1.77	-1.77	32.47	26.15	187.9	0.182	1442.1
2.2	-1.77	-1.77	32.47	26.15	187.9	0.189	1442.9
2.3	-1.77	-1.77	32.47	26.15	187.9	0.196	1443.7
2.4	-1.77	-1.77	32.47	26.15	187.9	0.201	1444.3
2.5	-1.77	-1.77	32.47	26.15	187.9	0.206	1444.5
2.6	-1.77	-1.77	32.47	26.15	187.9	0.210	1444.6
2.7	-1.77	-1.77	32.47	26.15	187.9	0.214	1444.7
2.8	-1.77	-1.77	32.47	26.15	187.9	0.218	1444.7
2.9	-1.77	-1.77	32.47	26.15	187.9	0.221	1444.7
3.0	-1.77	-1.77	32.47	26.15	187.9	0.225	1444.9
3.1	-1.77	-1.77	32.47	26.15	187.9	0.227	1445.0
3.2	-1.77	-1.77	32.47	26.15	187.9	0.230	1445.2
3.3	-1.77	-1.77	32.47	26.15	187.9	0.233	1445.3
3.4	-1.77	-1.77	32.47	26.15	187.9	0.237	1445.4
3.5	-1.77	-1.77	32.47	26.15	187.9	0.240	1445.5
3.6	-1.77	-1.77	32.47	26.15	187.9	0.244	1445.6
3.7	-1.77	-1.77	32.47	26.15	187.9	0.247	1445.6
3.8	-1.77	-1.77	32.47	26.15	187.9	0.249	1445.7
3.9	-1.77	-1.77	32.47	26.15	187.9	0.251	1445.7
4.0	-1.77	-1.77	32.47	26.15	187.9	0.252	1445.7
4.1	-1.77	-1.77	32.47	26.15	187.9	0.254	1445.7
4.2	-1.77	-1.77	32.47	26.15	187.9	0.255	1445.7
4.3	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
4.4	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
4.5	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
4.6	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
4.7	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
4.8	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
4.9	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
5.0	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
5.1	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
5.2	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
5.3	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
5.4	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
5.5	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
5.6	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
5.7	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
5.8	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
5.9	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
6.0	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
6.1	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
6.2	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
6.3	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
6.4	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
6.5	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
6.6	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
6.7	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
6.8	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
6.9	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
7.0	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
7.1	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
7.2	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
7.3	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
7.4	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
7.5	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
7.6	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
7.7	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
7.8	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
7.9	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
8.0	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
8.1	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
8.2	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
8.3	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
8.4	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
8.5	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
8.6	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
8.7	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
8.8	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
8.9	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
9.0	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
9.1	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
9.2	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
9.3	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
9.4	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
9.5	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
9.6	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
9.7	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
9.8	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
9.9	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8
10.0	-1.77	-1.77	32.47	26.15	187.9	0.257	1445.8

BOT NUM = 1  
BOT NUM = 2  
BOT NUM = 3  
BOT NUM = 4  
DEPTH 3.4  
TEMP -1.76  
SALIN 32.45  
SIG T 28.05  
SPVOL 7.1  
DYNHT 0.285  
SOUND 1460.8

FRAM 1 STATION 87(1) CTD 6/MAY/1979 703 GMT CODE = 1  
LAT = 83.6941N LNG = 6.7673W LTER = 0. LGER = 0.  
AIR TEMP = -15.1 BAROM = 1024.5 WIND = 346.0 SPEED = 8.4

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.75	-1.75	32.14	25.88	212.8	0.000	1437.0
0.1	-1.75	-1.75	32.14	25.88	212.7	0.006	1437.1
0.2	-1.75	-1.75	32.14	25.88	212.3	0.011	1437.2
0.3	-1.75	-1.75	32.14	25.88	211.7	0.021	1437.3
0.4	-1.75	-1.75	32.14	25.88	211.3	0.032	1437.5
0.5	-1.75	-1.75	32.14	25.88	211.1	0.043	1437.6
0.6	-1.75	-1.75	32.14	25.88	210.8	0.053	1437.7
0.7	-1.75	-1.75	32.14	25.88	210.5	0.063	1437.8
0.8	-1.75	-1.75	32.14	25.88	210.2	0.073	1437.9
0.9	-1.75	-1.75	32.14	25.88	210.0	0.082	1438.0
1.0	-1.75	-1.75	32.14	25.88	209.7	0.092	1438.1
1.1	-1.75	-1.75	32.14	25.88	209.4	0.101	1438.2
1.2	-1.75	-1.75	32.14	25.88	209.1	0.110	1438.3
1.3	-1.75	-1.75	32.14	25.88	208.8	0.119	1438.4
1.4	-1.75	-1.75	32.14	25.88	208.5	0.127	1438.5
1.5	-1.75	-1.75	32.14	25.88	208.2	0.136	1438.6
1.6	-1.75	-1.75	32.14	25.88	207.9	0.145	1438.7
1.7	-1.75	-1.75	32.14	25.88	207.6	0.151	1438.8
1.8	-1.75	-1.75	32.14	25.88	207.3	0.155	1438.9
1.9	-1.75	-1.75	32.14	25.88	207.0	0.165	1439.0
2.0	-1.75	-1.75	32.14	25.88	206.7	0.176	1439.1
2.1	-1.75	-1.75	32.14	25.88	206.4	0.185	1439.2
2.2	-1.75	-1.75	32.14	25.88	206.1	0.193	1439.3
2.3	-1.75	-1.75	32.14	25.88	205.8	0.204	1439.4
2.4	-1.75	-1.75	32.14	25.88	205.5	0.209	1439.5
2.5	-1.75	-1.75	32.14	25.88	205.2	0.214	1439.6
2.6	-1.75	-1.75	32.14	25.88	204.9	0.218	1439.7
2.7	-1.75	-1.75	32.14	25.88	204.6	0.221	1439.8
2.8	-1.75	-1.75	32.14	25.88	204.3	0.225	1439.9
2.9	-1.75	-1.75	32.14	25.88	204.0	0.228	1440.0
3.0	-1.75	-1.75	32.14	25.88	203.7	0.231	1440.1
3.1	-1.75	-1.75	32.14	25.88	203.4	0.233	1440.2
3.2	-1.75	-1.75	32.14	25.88	203.1	0.236	1440.3
3.3	-1.75	-1.75	32.14	25.88	202.8	0.239	1440.4
3.4	-1.75	-1.75	32.14	25.88	202.5	0.242	1440.5
3.5	-1.75	-1.75	32.14	25.88	202.2	0.245	1440.6
3.6	-1.75	-1.75	32.14	25.88	201.9	0.247	1440.7
3.7	-1.75	-1.75	32.14	25.88	201.6	0.249	1440.8
3.8	-1.75	-1.75	32.14	25.88	201.3	0.251	1440.9
3.9	-1.75	-1.75	32.14	25.88	201.0	0.252	1441.0
4.0	-1.75	-1.75	32.14	25.88	200.7	0.254	1441.1
4.1	-1.75	-1.75	32.14	25.88	200.4	0.255	1441.2
4.2	-1.75	-1.75	32.14	25.88	200.1	0.257	1441.3
4.3	-1.75	-1.75	32.14	25.88	199.8	0.258	1441.4
4.4	-1.75	-1.75	32.14	25.88	199.5	0.259	1441





FRAM 1 STATION 83(1) CTD 6/MAY/1979 925 GMT CODE = 1  
LAT = 83.6826N LNG = 6.7874W LTER = 1. LGER = 2.  
AIR TEMP = 0.0 BAROM = 1026.0 WIND = 0.0 SPEED = 0.0

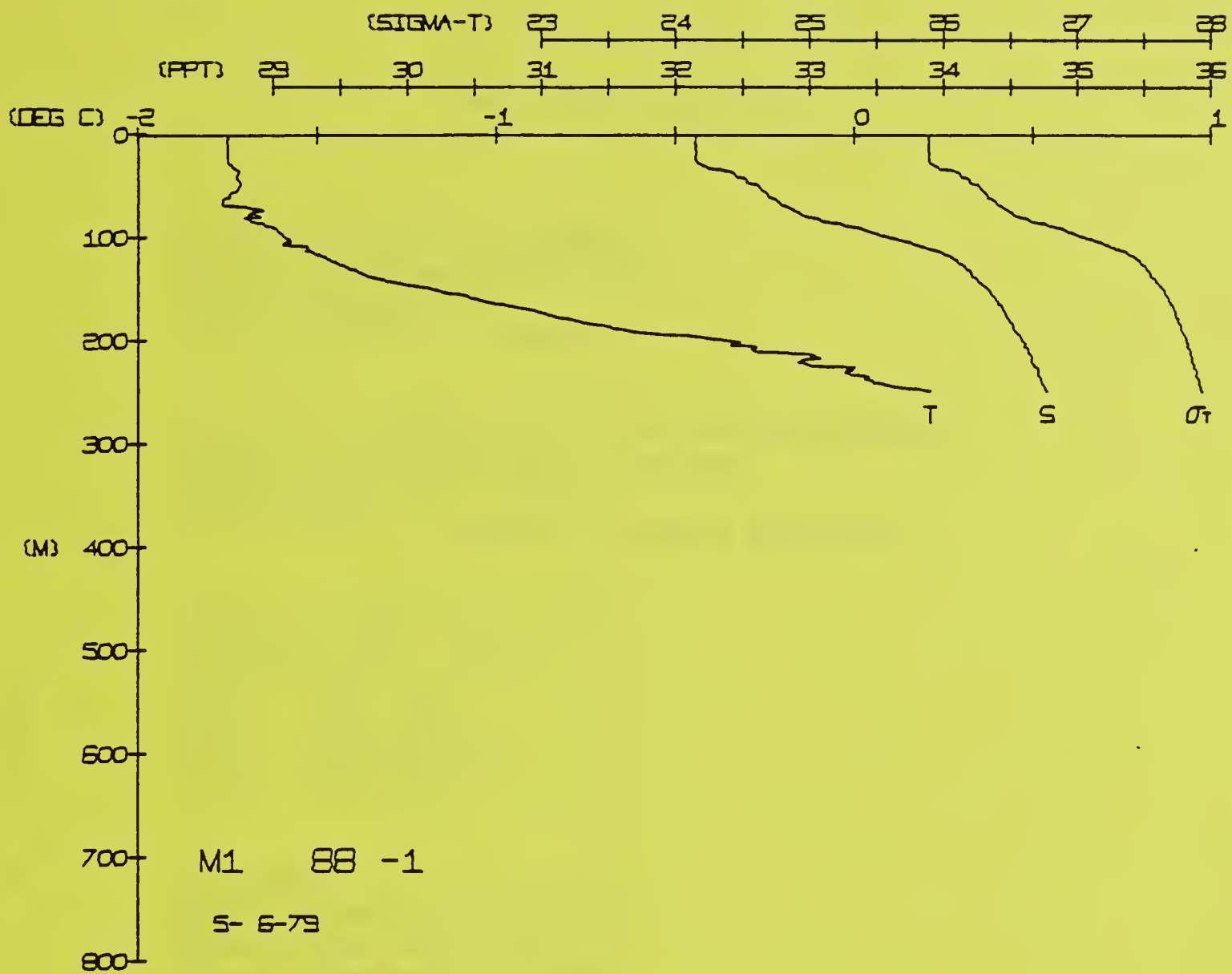
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.75	-1.75	32.15	25.89	21.19	0.000	1437.0
0.1	-1.75	-1.75	32.15	25.89	21.19	0.007	1437.1
0.5	-1.75	-1.75	32.15	25.89	21.13	0.011	1437.1
1.0	-1.75	-1.75	32.15	25.89	21.12	0.021	1437.2
1.5	-1.75	-1.75	32.15	25.89	21.12	0.032	1437.3
2.0	-1.75	-1.75	32.15	25.89	21.12	0.043	1437.4
2.5	-1.75	-1.75	32.15	25.89	21.12	0.053	1437.5
3.0	-1.75	-1.75	32.15	25.89	21.12	0.064	1437.6
3.5	-1.75	-1.75	32.15	25.89	21.12	0.074	1437.9
4.0	-1.75	-1.75	32.15	25.89	21.12	0.084	1438.2
4.5	-1.75	-1.75	32.15	25.89	21.12	0.094	1438.4
5.0	-1.75	-1.75	32.15	25.89	21.12	0.103	1438.7
5.5	-1.75	-1.75	32.15	25.89	21.12	0.111	1438.8
6.0	-1.75	-1.75	32.15	25.89	21.12	0.120	1438.8
6.5	-1.75	-1.75	32.15	25.89	21.12	0.128	1438.9
7.0	-1.75	-1.75	32.15	25.89	21.12	0.137	1439.1
8.0	-1.75	-1.75	32.15	25.89	21.12	0.152	1439.7
9.0	-1.75	-1.75	32.15	25.89	21.12	0.166	1440.7
10.0	-1.75	-1.75	32.15	25.89	21.12	0.177	1441.4
11.0	-1.75	-1.75	32.15	25.89	21.12	0.187	1442.3
12.0	-1.75	-1.75	32.15	25.89	21.12	0.194	1443.0
13.0	-1.75	-1.75	32.15	25.89	21.12	0.200	1443.6
14.0	-1.75	-1.75	32.15	25.89	21.12	0.206	1444.2
15.0	-1.75	-1.75	32.15	25.89	21.12	0.211	1444.5
16.0	-1.75	-1.75	32.15	25.89	21.12	0.215	1444.6
17.0	-1.75	-1.75	32.15	25.89	21.12	0.219	1444.7
18.0	-1.75	-1.75	32.15	25.89	21.12	0.223	1444.8
19.0	-1.75	-1.75	32.15	25.89	21.12	0.226	1448.7
20.0	-1.75	-1.75	32.15	25.89	21.12	0.229	1450.2
21.0	-1.75	-1.75	32.15	25.89	21.12	0.232	1450.8
22.0	-1.75	-1.75	32.15	25.89	21.12	0.235	1451.7
23.0	-1.75	-1.75	32.15	25.89	21.12	0.237	1452.5
24.0	-1.75	-1.75	32.15	25.89	21.12	0.239	1453.0
25.0	-1.75	-1.75	32.15	25.89	21.12	0.241	1454.0
26.0	-1.75	-1.75	32.15	25.89	21.12	0.241	1454.0

DEPTH

TEMP

SALIN









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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)  From April 29, 1979 to May 6, 1979 a total of 88 casts were made with a CTD (Conductivity, Temperature and Depth) instrument at the drifting ice station Fram I. Profiles were taken at least twice a day from the surface to 700 m and at more closely spaced intervals during special phases of the experiment. A separate helicopter C/STD survey was also conducted during the experiment, and the resulting data were reported separately. Data obtained from the camp-based Plessey 9040 CTD were simultaneously recorded digitally on magnetic tape and on analog charts. Profile data from		

20.

the digital tapes were smoothed using a running average. Response time of the temperature sensor was corrected for thermal lag by varying a lag constant ( $\tau$ ) until descending and ascending parts of the cast on a T-S diagram were nearly congruent. No lag correction was applied to the conductivity data because of the rapid response time of the conductivity cell. A small drift that occurred when both sensors were stopped for bottle sampling was also taken into account during data reduction.

Static calibration of the temperature, conductivity and depth sensors was provided by bottle and reversing thermometer data. Least squares, best-fit polynomials, whose parameters were temperature (T), conductivity (C) and depth (D), converted the observed data to final data.

Standard level listings of temperature, potential temperature, salinity, sigma-t, specific volume anomaly, dynamic height and sound velocity are given for each cast along with plotted profiles of temperature, salinity and sigma-t. Nested profiles of temperature and salinity are also provided.



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